

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Irvine

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Tel: (949)261-1022

TestAmerica Job ID: 440-94089-1

Client Project/Site: 106846-Mission Incident Santa Paula

Revision: 2

For:

Center for Toxicology & Env Health LLC

5120 North Shore Drive

North Little Rock, Arkansas 72118

Attn: Ms. Christine Millner



Authorized for release by:

12/23/2014 3:44:35 PM

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: Center for Toxicology & Env Health LLC
Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-94089-1	SACA1123SL001	Water	11/23/14 12:00	11/23/14 16:41
440-94089-2	SACA1123SL002	Water	11/23/14 13:00	11/23/14 16:41
440-94089-3	SACA1123SD001	Solid	11/23/14 12:00	11/23/14 16:41
440-94089-4	SACA1123SD002	Solid	11/23/14 13:00	11/23/14 16:41
440-94089-5	SACA1123TT001	Water	11/23/14 11:20	11/23/14 16:41
440-94089-6	SACA1123TT002	Water	11/23/14 11:40	11/23/14 16:41
440-94089-7	SACA1123TT003	Water	11/23/14 12:00	11/23/14 16:41
440-94089-8	SACA1123TT004	Water	11/23/14 12:10	11/23/14 16:41
440-94089-9	SACA1123TT005	Water	11/23/14 12:20	11/23/14 16:41
440-94089-10	SACA1123TT006	Solid	11/23/14 13:00	11/23/14 16:41
440-94089-12	SACA1123TB002	Water	11/23/14 00:01	11/23/14 16:41
440-94089-13	SACA1123TB001	Water	11/23/14 00:01	11/23/14 16:41
440-94089-14	SACA1123TB003	Water	11/23/14 00:01	11/23/14 16:41

Case Narrative

Client: Center for Toxicology & Env Health LLC
Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Job ID: 440-94089-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative 440-94089-1

Comments

Revised to report solids in dry-weight per client request.

Receipt

The samples were received on 11/23/2014 6:30 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 1.8° C, 2.0° C and 2.7° C.

Sample SACA1123TT007 was listed on the Chain of Custody but not submitted for analysis.

There was insufficient sample volume to test pH and metals on sample SACA1123TT002.

GC/MS VOA

Method(s) 8260B: The following sample(s) was diluted due to the abundance of non-target analytes, sample has high hydrocarbon pattern: SACA1123SL001 (440-94089-1). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: Surrogate recovery for the following sample(s) was outside control limits (low): SACA1123TT004 (440-94089-8). Re-extraction and/or re-analysis was performed with concurring results. The original analysis has been reported.

Method(s) 8260B: The following sample(s) was diluted due to the abundance of non-target analytes, sample has high hydrocarbon pattern: SACA1123TT005 (440-94089-9). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The following sample(s) were collected in properly preserved vials for analysis of volatile organic compounds (VOCs). However, the pH was outside the required criteria when verified by the laboratory, and corrective action was not possible: SACA1123TT005 (440-94089-9) pH=7. Samples were analyzed within 7 days per EPA recommendation.

Method(s) 8260B: The following sample(s) was diluted due to the nature of the sample matrix: SACA1123TT006 (440-94089-10). Elevated reporting limits (RLs) are provided. Sample matrix is milky gel.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA

Method(s) 8270C: The source sample for the MS/MSD sample associated with batch 220469 was diluted due to the nature of the sample matrix (or abundance of target analytes): (LCS 440-220469/2-A). As such, the MS/MSD surrogate and spike recoveries were diluted out and are not reported.

Method(s) 8270C: The following sample(s) was diluted due to the nature of the sample matrix: SACA1123SD001 (440-94089-3), SACA1123SD002 (440-94089-4), SACA1123TT006 (440-94089-10). Elevated reporting limits (RLs) are provided.

Method(s) 8270C: The following sample(s) required a dilution due to the nature of the sample matrix: SACA1123SD001 (440-94089-3), SACA1123SD002 (440-94089-4), SACA1123TT006 (440-94089-10). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method(s) 8270C: Perylene-d12 Internal standard responses were outside of acceptance limits low for the following sample(s): SACA1123SD001 (440-94089-3), SACA1123SD002 (440-94089-4), SACA1123TT006 (440-94089-10). The sample(s) shows evidence of matrix interference. The following compounds are affected: Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Dibenz(a,h)anthracene and Indeno[1,2,3-cd]pyrene. There is a possible high bias for the results of these compounds. The sample results for these compounds are ND, therefore, a possible high bias does not impact results.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC VOA

Method(s) 8015B: The following sample(s) were collected in properly preserved vials for analysis of volatile organic compounds (VOCs).

Case Narrative

Client: Center for Toxicology & Env Health LLC
Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Job ID: 440-94089-1 (Continued)

Laboratory: TestAmerica Irvine (Continued)

However, the pH was outside the required criteria when verified by the laboratory, and corrective action was not possible: SACA1123TT005 (440-94089-9). pH=7. Samples were analyzed within 7 days per EPA recommendation.

Method(s) 8015B: The Gasoline Range Organics (GRO) concentration reported for the following sample(s) is due to the presence of discrete peaks: SACA1123TT003 (440-94089-7), SACA1123TT004 (440-94089-8).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

Method(s) 8015B: The source sample for the MS/MSD associated with batch 220468 was diluted due to the abundance of target analytes: (LCS 440-220468/2-A). As such, the MS/MSD surrogate and spike recoveries were diluted out and are not reported. The LCS was within acceptance limits.

Method(s) 8015B: The following samples required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information. SACA1123SD001 (440-94089-3), SACA1123SD002 (440-94089-4), SACA1123TT006 (440-94089-10)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

Method(s) 3546: The following sample(s) was diluted due to the nature of the sample matrix: SACA1123SD001 (440-94089-3), SACA1123SD002 (440-94089-4), SACA1123TT006 (440-94089-10). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Client Sample ID: SACA1123SL001

Lab Sample ID: 440-94089-1

Date Collected: 11/23/14 12:00

Matrix: Water

Date Received: 11/23/14 16:41

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		25.0		ug/L			11/24/14 14:35	5
1,1,1-Trichloroethane	ND		10.0		ug/L			11/24/14 14:35	5
1,1,1,2,2-Tetrachloroethane	ND		10.0		ug/L			11/24/14 14:35	5
1,1,2-Trichloroethane	ND		10.0		ug/L			11/24/14 14:35	5
1,1-Dichloroethane	ND		10.0		ug/L			11/24/14 14:35	5
1,1-Dichloroethene	ND		25.0		ug/L			11/24/14 14:35	5
1,1-Dichloropropene	ND		10.0		ug/L			11/24/14 14:35	5
1,2,3-Trichlorobenzene	ND		25.0		ug/L			11/24/14 14:35	5
1,2,3-Trichloropropane	ND		50.0		ug/L			11/24/14 14:35	5
1,2,4-Trichlorobenzene	ND		25.0		ug/L			11/24/14 14:35	5
1,2,4-Trimethylbenzene	ND		10.0		ug/L			11/24/14 14:35	5
1,2-Dibromo-3-Chloropropane	ND		25.0		ug/L			11/24/14 14:35	5
1,2-Dibromoethane (EDB)	ND		10.0		ug/L			11/24/14 14:35	5
1,2-Dichlorobenzene	ND		10.0		ug/L			11/24/14 14:35	5
1,2-Dichloroethane	ND		10.0		ug/L			11/24/14 14:35	5
1,2-Dichloropropane	ND		10.0		ug/L			11/24/14 14:35	5
1,3,5-Trimethylbenzene	ND		10.0		ug/L			11/24/14 14:35	5
1,3-Dichlorobenzene	ND		10.0		ug/L			11/24/14 14:35	5
1,3-Dichloropropane	ND		10.0		ug/L			11/24/14 14:35	5
1,4-Dichlorobenzene	ND		10.0		ug/L			11/24/14 14:35	5
2,2-Dichloropropane	ND		10.0		ug/L			11/24/14 14:35	5
2-Chlorotoluene	ND		25.0		ug/L			11/24/14 14:35	5
4-Chlorotoluene	ND		25.0		ug/L			11/24/14 14:35	5
Benzene	ND		10.0		ug/L			11/24/14 14:35	5
Bromobenzene	ND		25.0		ug/L			11/24/14 14:35	5
Bromochloromethane	ND		25.0		ug/L			11/24/14 14:35	5
Bromodichloromethane	ND		10.0		ug/L			11/24/14 14:35	5
Bromoform	ND		25.0		ug/L			11/24/14 14:35	5
Bromomethane	ND		25.0		ug/L			11/24/14 14:35	5
Carbon tetrachloride	ND		25.0		ug/L			11/24/14 14:35	5
Chlorobenzene	ND		10.0		ug/L			11/24/14 14:35	5
Chloroethane	ND		25.0		ug/L			11/24/14 14:35	5
Chloroform	20.6		10.0		ug/L			11/24/14 14:35	5
Chloromethane	ND		25.0		ug/L			11/24/14 14:35	5
cis-1,2-Dichloroethene	ND		10.0		ug/L			11/24/14 14:35	5
cis-1,3-Dichloropropene	ND		10.0		ug/L			11/24/14 14:35	5
Dibromochloromethane	ND		10.0		ug/L			11/24/14 14:35	5
Dibromomethane	ND		10.0		ug/L			11/24/14 14:35	5
Dichlorodifluoromethane	ND		25.0		ug/L			11/24/14 14:35	5
Ethylbenzene	ND		10.0		ug/L			11/24/14 14:35	5
Hexachlorobutadiene	ND		25.0		ug/L			11/24/14 14:35	5
Isopropylbenzene	ND		10.0		ug/L			11/24/14 14:35	5
m,p-Xylene	ND		10.0		ug/L			11/24/14 14:35	5
Methylene Chloride	ND		25.0		ug/L			11/24/14 14:35	5
Methyl-t-Butyl Ether (MTBE)	ND		5.00		ug/L			11/24/14 14:35	5
Naphthalene	ND		25.0		ug/L			11/24/14 14:35	5
n-Butylbenzene	ND		25.0		ug/L			11/24/14 14:35	5
N-Propylbenzene	ND		10.0		ug/L			11/24/14 14:35	5
o-Xylene	ND		10.0		ug/L			11/24/14 14:35	5

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Client Sample ID: SACA1123SL001

Lab Sample ID: 440-94089-1

Date Collected: 11/23/14 12:00

Matrix: Water

Date Received: 11/23/14 16:41

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		25.0		ug/L			11/24/14 14:35	5
Styrene	ND		10.0		ug/L			11/24/14 14:35	5
Tert-amyl-methyl ether (TAME)	ND		25.0		ug/L			11/24/14 14:35	5
tert-Butylbenzene	ND		25.0		ug/L			11/24/14 14:35	5
Tetrachloroethene	ND		10.0		ug/L			11/24/14 14:35	5
Toluene	ND		10.0		ug/L			11/24/14 14:35	5
trans-1,2-Dichloroethene	ND		10.0		ug/L			11/24/14 14:35	5
trans-1,3-Dichloropropene	ND		10.0		ug/L			11/24/14 14:35	5
Trichloroethene	ND		10.0		ug/L			11/24/14 14:35	5
Trichlorofluoromethane	ND		25.0		ug/L			11/24/14 14:35	5
Vinyl chloride	ND		25.0		ug/L			11/24/14 14:35	5
Xylenes, Total	ND		10.0		ug/L			11/24/14 14:35	5
Isopropyl Ether (DIPE)	ND		25.0		ug/L			11/24/14 14:35	5
Ethyl-t-butyl ether (ETBE)	ND		25.0		ug/L			11/24/14 14:35	5
tert-Butyl alcohol (TBA)	ND		50.0		ug/L			11/24/14 14:35	5
p-Isopropyltoluene	ND		10.0		ug/L			11/24/14 14:35	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	111		80 - 128					11/24/14 14:35	5
4-Bromofluorobenzene (Surr)	101		80 - 120					11/24/14 14:35	5
Dibromofluoromethane (Surr)	98		76 - 132					11/24/14 14:35	5

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	15800		2000		ug/L			11/24/14 14:21	40
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		65 - 140					11/24/14 14:21	40

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	4.88	HF	0.100		SU			11/24/14 14:38	1

Client Sample ID: SACA1123SL002

Lab Sample ID: 440-94089-2

Date Collected: 11/23/14 13:00

Matrix: Water

Date Received: 11/23/14 16:41

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.00		ug/L			11/24/14 15:33	1
1,1,1-Trichloroethane	ND		2.00		ug/L			11/24/14 15:33	1
1,1,2,2-Tetrachloroethane	ND		2.00		ug/L			11/24/14 15:33	1
1,1,2-Trichloroethane	ND		2.00		ug/L			11/24/14 15:33	1
1,1-Dichloroethane	ND		2.00		ug/L			11/24/14 15:33	1
1,1-Dichloroethene	ND		5.00		ug/L			11/24/14 15:33	1
1,1-Dichloropropene	ND		2.00		ug/L			11/24/14 15:33	1
1,2,3-Trichlorobenzene	ND		5.00		ug/L			11/24/14 15:33	1
1,2,3-Trichloropropane	ND		10.0		ug/L			11/24/14 15:33	1
1,2,4-Trichlorobenzene	ND		5.00		ug/L			11/24/14 15:33	1
1,2,4-Trimethylbenzene	ND		2.00		ug/L			11/24/14 15:33	1
1,2-Dibromo-3-Chloropropane	ND		5.00		ug/L			11/24/14 15:33	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Client Sample ID: SACA1123SL002

Lab Sample ID: 440-94089-2

Date Collected: 11/23/14 13:00

Matrix: Water

Date Received: 11/23/14 16:41

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		2.00		ug/L			11/24/14 15:33	1
1,2-Dichlorobenzene	ND		2.00		ug/L			11/24/14 15:33	1
1,2-Dichloroethane	ND		2.00		ug/L			11/24/14 15:33	1
1,2-Dichloropropane	ND		2.00		ug/L			11/24/14 15:33	1
1,3,5-Trimethylbenzene	ND		2.00		ug/L			11/24/14 15:33	1
1,3-Dichlorobenzene	ND		2.00		ug/L			11/24/14 15:33	1
1,3-Dichloropropane	ND		2.00		ug/L			11/24/14 15:33	1
1,4-Dichlorobenzene	ND		2.00		ug/L			11/24/14 15:33	1
2,2-Dichloropropane	ND		2.00		ug/L			11/24/14 15:33	1
2-Chlorotoluene	ND		5.00		ug/L			11/24/14 15:33	1
4-Chlorotoluene	ND		5.00		ug/L			11/24/14 15:33	1
Benzene	ND		2.00		ug/L			11/24/14 15:33	1
Bromobenzene	ND		5.00		ug/L			11/24/14 15:33	1
Bromochloromethane	ND		5.00		ug/L			11/24/14 15:33	1
Bromodichloromethane	ND		2.00		ug/L			11/24/14 15:33	1
Bromoform	ND		5.00		ug/L			11/24/14 15:33	1
Bromomethane	ND		5.00		ug/L			11/24/14 15:33	1
Carbon tetrachloride	ND		5.00		ug/L			11/24/14 15:33	1
Chlorobenzene	ND		2.00		ug/L			11/24/14 15:33	1
Chloroethane	ND		5.00		ug/L			11/24/14 15:33	1
Chloroform	23.8		2.00		ug/L			11/24/14 15:33	1
Chloromethane	7.32		5.00		ug/L			11/24/14 15:33	1
cis-1,2-Dichloroethene	ND		2.00		ug/L			11/24/14 15:33	1
cis-1,3-Dichloropropene	ND		2.00		ug/L			11/24/14 15:33	1
Dibromochloromethane	ND		2.00		ug/L			11/24/14 15:33	1
Dibromomethane	ND		2.00		ug/L			11/24/14 15:33	1
Dichlorodifluoromethane	ND		5.00		ug/L			11/24/14 15:33	1
Ethylbenzene	ND		2.00		ug/L			11/24/14 15:33	1
Hexachlorobutadiene	ND		5.00		ug/L			11/24/14 15:33	1
Isopropylbenzene	ND		2.00		ug/L			11/24/14 15:33	1
m,p-Xylene	ND		2.00		ug/L			11/24/14 15:33	1
Methylene Chloride	ND		5.00		ug/L			11/24/14 15:33	1
Methyl-t-Butyl Ether (MTBE)	ND		1.00		ug/L			11/24/14 15:33	1
Naphthalene	ND		5.00		ug/L			11/24/14 15:33	1
n-Butylbenzene	ND		5.00		ug/L			11/24/14 15:33	1
N-Propylbenzene	ND		2.00		ug/L			11/24/14 15:33	1
o-Xylene	ND		2.00		ug/L			11/24/14 15:33	1
sec-Butylbenzene	ND		5.00		ug/L			11/24/14 15:33	1
Styrene	ND		2.00		ug/L			11/24/14 15:33	1
Tert-amyl-methyl ether (TAME)	ND		5.00		ug/L			11/24/14 15:33	1
tert-Butylbenzene	ND		5.00		ug/L			11/24/14 15:33	1
Tetrachloroethene	ND		2.00		ug/L			11/24/14 15:33	1
Toluene	ND		2.00		ug/L			11/24/14 15:33	1
trans-1,2-Dichloroethene	ND		2.00		ug/L			11/24/14 15:33	1
trans-1,3-Dichloropropene	ND		2.00		ug/L			11/24/14 15:33	1
Trichloroethene	ND		2.00		ug/L			11/24/14 15:33	1
Trichlorofluoromethane	ND		5.00		ug/L			11/24/14 15:33	1
Vinyl chloride	ND		5.00		ug/L			11/24/14 15:33	1
Xylenes, Total	ND		2.00		ug/L			11/24/14 15:33	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Client Sample ID: SACA1123SL002

Lab Sample ID: 440-94089-2

Date Collected: 11/23/14 13:00

Matrix: Water

Date Received: 11/23/14 16:41

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl Ether (DIPE)	ND		5.00		ug/L			11/24/14 15:33	1
Ethyl-t-butyl ether (ETBE)	ND		5.00		ug/L			11/24/14 15:33	1
tert-Butyl alcohol (TBA)	21.2		10.0		ug/L			11/24/14 15:33	1
p-Isopropyltoluene	ND		2.00		ug/L			11/24/14 15:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	109		80 - 128					11/24/14 15:33	1
4-Bromofluorobenzene (Surr)	109		80 - 120					11/24/14 15:33	1
Dibromofluoromethane (Surr)	97		76 - 132					11/24/14 15:33	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	8630		250		ug/L			11/24/14 14:49	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		65 - 140					11/24/14 14:49	5

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	4.23	HF	0.100		SU			11/24/14 14:38	1

Client Sample ID: SACA1123SD001

Lab Sample ID: 440-94089-3

Date Collected: 11/23/14 12:00

Matrix: Solid

Date Received: 11/23/14 16:41

Percent Solids: 14.5

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		3450		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
1,1,1-Trichloroethane	ND		1380		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
1,1,2,2-Tetrachloroethane	ND		1380		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
1,1,2-Trichloroethane	ND		1380		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
1,1-Dichloroethane	ND		1380		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
1,1-Dichloroethene	ND		3450		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
1,1-Dichloropropene	ND		1380		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
1,2,3-Trichlorobenzene	ND		3450		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
1,2,3-Trichloropropane	ND		6890		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
1,2,4-Trichlorobenzene	ND		3450		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
1,2,4-Trimethylbenzene	ND		1380		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
1,2-Dibromo-3-Chloropropane	ND		3450		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
1,2-Dibromoethane (EDB)	ND		1380		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
1,2-Dichlorobenzene	ND		1380		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
1,2-Dichloroethane	ND		1380		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
1,2-Dichloropropane	ND		1380		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
1,3,5-Trimethylbenzene	ND		1380		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
1,3-Dichlorobenzene	ND		1380		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
1,3-Dichloropropane	ND		1380		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
1,4-Dichlorobenzene	ND		1380		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
2,2-Dichloropropane	ND		2760		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
2-Chlorotoluene	ND		3450		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
4-Chlorotoluene	ND		3450		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
Benzene	ND		1380		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Client Sample ID: SACA1123SD001

Lab Sample ID: 440-94089-3

Date Collected: 11/23/14 12:00

Matrix: Solid

Date Received: 11/23/14 16:41

Percent Solids: 14.5

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromobenzene	ND		3450		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
Bromochloromethane	ND		3450		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
Bromodichloromethane	ND		1380		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
Bromoform	ND		3450		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
Bromomethane	ND		3450		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
Carbon tetrachloride	ND		3450		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
Chlorobenzene	ND		1380		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
Chloroethane	ND		3450		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
Chloroform	19800		1380		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
Chloromethane	ND		3450		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
cis-1,2-Dichloroethene	ND		1380		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
cis-1,3-Dichloropropene	ND		1380		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
Dibromochloromethane	ND		1380		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
Dibromomethane	ND		1380		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
Dichlorodifluoromethane	ND		3450		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
Ethylbenzene	ND		1380		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
Hexachlorobutadiene	ND		3450		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
Isopropylbenzene	ND		1380		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
m,p-Xylene	ND		2760		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
Methylene Chloride	ND		13800		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
Methyl-t-Butyl Ether (MTBE)	ND		3450		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
Naphthalene	ND		3450		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
n-Butylbenzene	ND		3450		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
N-Propylbenzene	ND		1380		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
o-Xylene	ND		1380		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
sec-Butylbenzene	ND		3450		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
Styrene	ND		1380		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
Tert-amyl-methyl ether (TAME)	ND		3450		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
tert-Butylbenzene	ND		3450		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
Tetrachloroethene	ND		1380		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
Toluene	ND		1380		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
trans-1,2-Dichloroethene	ND		1380		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
trans-1,3-Dichloropropene	ND		1380		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
Trichloroethene	ND		1380		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
Trichlorofluoromethane	ND		3450		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
Vinyl chloride	ND		3450		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
Xylenes, Total	ND		2760		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
Isopropyl Ether (DIPE)	ND		3450		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
Ethyl-t-butyl ether (ETBE)	ND		3450		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
tert-Butyl alcohol (TBA)	ND		68900		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100
p-Isopropyltoluene	ND		1380		ug/Kg	☼	11/24/14 10:39	11/24/14 15:41	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	104		60 - 140	11/24/14 10:39	11/24/14 15:41	100
4-Bromofluorobenzene (Surr)	92		65 - 140	11/24/14 10:39	11/24/14 15:41	100
Dibromofluoromethane (Surr)	114		55 - 140	11/24/14 10:39	11/24/14 15:41	100

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Client Sample ID: SACA1123SD001

Lab Sample ID: 440-94089-3

Date Collected: 11/23/14 12:00

Matrix: Solid

Date Received: 11/23/14 16:41

Percent Solids: 14.5

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
1,2-Diphenylhydrazine(as Azobenzene)	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
1,3-Dichlorobenzene	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
1,4-Dichlorobenzene	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
2,4,5-Trichlorophenol	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
2,4,6-Trichlorophenol	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
2,4-Dichlorophenol	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
2,4-Dimethylphenol	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
2,4-Dinitrophenol	ND		2060000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
2,4-Dinitrotoluene	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
2,6-Dinitrotoluene	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
2-Chloronaphthalene	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
2-Chlorophenol	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
2-Methylnaphthalene	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
2-Methylphenol	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
2-Nitroaniline	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
2-Nitrophenol	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
3,3'-Dichlorobenzidine	ND		2590000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
3-Nitroaniline	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
4,6-Dinitro-2-methylphenol	ND		1310000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
4-Bromophenyl phenyl ether	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
4-Chloro-3-methylphenol	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
4-Chloroaniline	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
4-Chlorophenyl phenyl ether	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
3-Methylphenol + 4-Methylphenol	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
4-Nitroaniline	ND		2590000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
4-Nitrophenol	ND		2590000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
Acenaphthene	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
Acenaphthylene	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
Aniline	ND		1310000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
Anthracene	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
Benzidine	ND		4190000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
Benzo[a]anthracene	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
Benzo[a]pyrene	ND *		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
Benzo[b]fluoranthene	ND *		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
Benzo[g,h,i]perylene	ND *		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
Benzo[k]fluoranthene	ND *		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
Benzoic acid	ND		2590000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
Benzyl alcohol	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
Bis(2-chloroethoxy)methane	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
Bis(2-chloroethyl)ether	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
Bis(2-ethylhexyl) phthalate	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
Butyl benzyl phthalate	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
Chrysene	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
Dibenz(a,h)anthracene	ND *		1310000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
Dibenzofuran	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
Diethyl phthalate	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
Dimethyl phthalate	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
Di-n-butyl phthalate	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Client Sample ID: SACA1123SD001

Lab Sample ID: 440-94089-3

Date Collected: 11/23/14 12:00

Matrix: Solid

Date Received: 11/23/14 16:41

Percent Solids: 14.5

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
Fluoranthene	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
Fluorene	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
Hexachlorobenzene	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
Hexachlorobutadiene	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
Hexachlorocyclopentadiene	ND		2590000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
Hexachloroethane	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
Indeno[1,2,3-cd]pyrene	ND	*	1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
Isophorone	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
Naphthalene	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
Nitrobenzene	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
N-Nitrosodi-n-propylamine	ND		781000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
N-Nitrosodiphenylamine	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
Pentachlorophenol	ND		2590000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
Phenanthrene	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
Phenol	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
Pyrene	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
bis (2-chloroisopropyl) ether	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100
N-Nitrosodimethylamine	ND		1030000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:25	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	0	X	35 - 120	11/23/14 19:10	11/24/14 12:25	100
2-Fluorophenol (Surr)	0	X	25 - 120	11/23/14 19:10	11/24/14 12:25	100
2,4,6-Tribromophenol (Surr)	75		35 - 125	11/23/14 19:10	11/24/14 12:25	100
Nitrobenzene-d5 (Surr)	0	X	30 - 120	11/23/14 19:10	11/24/14 12:25	100
Terphenyl-d14 (Surr)	0	X	40 - 135	11/23/14 19:10	11/24/14 12:25	100
Phenol-d6 (Surr)	0	X	35 - 120	11/23/14 19:10	11/24/14 12:25	100

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	1580000		552000		ug/Kg	☼	11/24/14 10:39	11/24/14 13:51	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		65 - 140	11/24/14 10:39	11/24/14 13:51	100

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	51300		15500		mg/Kg	☼	11/23/14 19:07	11/24/14 13:26	100
C23-C40	73600		15500		mg/Kg	☼	11/23/14 19:07	11/24/14 13:26	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	184	X	40 - 140	11/23/14 19:07	11/24/14 13:26	100

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		67.6		mg/Kg	☼	11/24/14 09:16	11/24/14 16:32	5
Arsenic	ND		20.3		mg/Kg	☼	11/24/14 09:16	11/24/14 16:32	5
Barium	7960		10.1		mg/Kg	☼	11/24/14 09:16	11/24/14 16:32	5
Beryllium	ND		3.38		mg/Kg	☼	11/24/14 09:16	11/24/14 16:32	5
Cadmium	8.47		3.38		mg/Kg	☼	11/24/14 09:16	11/24/14 16:32	5
Chromium	31.3		6.76		mg/Kg	☼	11/24/14 09:16	11/24/14 16:32	5

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Client Sample ID: SACA1123SD001

Lab Sample ID: 440-94089-3

Date Collected: 11/23/14 12:00

Matrix: Solid

Date Received: 11/23/14 16:41

Percent Solids: 14.5

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	ND		6.76		mg/Kg	☼	11/24/14 09:16	11/24/14 16:32	5
Copper	48.7		13.5		mg/Kg	☼	11/24/14 09:16	11/24/14 16:32	5
Lead	70.0		13.5		mg/Kg	☼	11/24/14 09:16	11/24/14 16:32	5
Molybdenum	ND		13.5		mg/Kg	☼	11/24/14 09:16	11/24/14 16:32	5
Nickel	ND		13.5		mg/Kg	☼	11/24/14 09:16	11/24/14 16:32	5
Selenium	ND		20.3		mg/Kg	☼	11/24/14 09:16	11/24/14 16:32	5
Thallium	ND		67.6		mg/Kg	☼	11/24/14 09:16	11/24/14 16:32	5
Vanadium	64.2		6.76		mg/Kg	☼	11/24/14 09:16	11/24/14 16:32	5
Zinc	2280		33.8		mg/Kg	☼	11/24/14 09:16	11/24/14 16:32	5
Silver	ND		10.1		mg/Kg	☼	11/24/14 09:16	11/24/14 16:32	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.850		0.135		mg/Kg	☼	11/24/14 14:32	11/24/14 17:18	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	85		0.10		%			12/18/14 13:00	1
Percent Solids	15		0.10		%			12/18/14 13:00	1

Client Sample ID: SACA1123SD002

Lab Sample ID: 440-94089-4

Date Collected: 11/23/14 13:00

Matrix: Solid

Date Received: 11/23/14 16:41

Percent Solids: 14.1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1770		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
1,1,1-Trichloroethane	ND		708		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
1,1,1,2,2-Tetrachloroethane	ND		708		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
1,1,1,2-Trichloroethane	ND		708		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
1,1-Dichloroethane	ND		708		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
1,1-Dichloroethene	ND		1770		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
1,1-Dichloropropene	ND		708		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
1,2,3-Trichlorobenzene	ND		1770		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
1,2,3-Trichloropropane	ND		3540		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
1,2,4-Trichlorobenzene	ND		1770		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
1,2,4-Trimethylbenzene	ND		708		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
1,2-Dibromo-3-Chloropropane	ND		1770		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
1,2-Dibromoethane (EDB)	ND		708		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
1,2-Dichlorobenzene	ND		708		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
1,2-Dichloroethane	ND		708		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
1,2-Dichloropropane	ND		708		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
1,3,5-Trimethylbenzene	ND		708		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
1,3-Dichlorobenzene	ND		708		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
1,3-Dichloropropane	ND		708		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
1,4-Dichlorobenzene	ND		708		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
2,2-Dichloropropane	ND		1420		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
2-Chlorotoluene	ND		1770		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
4-Chlorotoluene	ND		1770		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
Benzene	ND		708		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Client Sample ID: SACA1123SD002

Lab Sample ID: 440-94089-4

Date Collected: 11/23/14 13:00

Matrix: Solid

Date Received: 11/23/14 16:41

Percent Solids: 14.1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromobenzene	ND		1770		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
Bromochloromethane	ND		1770		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
Bromodichloromethane	ND		708		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
Bromoform	ND		1770		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
Bromomethane	ND		1770		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
Carbon tetrachloride	ND		1770		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
Chlorobenzene	ND		708		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
Chloroethane	ND		1770		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
Chloroform	4670		708		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
Chloromethane	ND		1770		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
cis-1,2-Dichloroethene	ND		708		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
cis-1,3-Dichloropropene	ND		708		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
Dibromochloromethane	ND		708		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
Dibromomethane	ND		708		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
Dichlorodifluoromethane	ND		1770		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
Ethylbenzene	ND		708		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
Hexachlorobutadiene	ND		1770		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
Isopropylbenzene	ND		708		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
m,p-Xylene	ND		1420		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
Methylene Chloride	ND		7080		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
Methyl-t-Butyl Ether (MTBE)	ND		1770		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
Naphthalene	ND		1770		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
n-Butylbenzene	ND		1770		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
N-Propylbenzene	ND		708		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
o-Xylene	ND		708		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
sec-Butylbenzene	ND		1770		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
Styrene	ND		708		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
Tert-amyl-methyl ether (TAME)	ND		1770		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
tert-Butylbenzene	ND		1770		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
Tetrachloroethene	ND		708		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
Toluene	ND		708		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
trans-1,2-Dichloroethene	ND		708		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
trans-1,3-Dichloropropene	ND		708		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
Trichloroethene	ND		708		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
Trichlorofluoromethane	ND		1770		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
Vinyl chloride	ND		1770		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
Xylenes, Total	ND		1420		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
Isopropyl Ether (DIPE)	ND		1770		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
Ethyl-t-butyl ether (ETBE)	ND		1770		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
tert-Butyl alcohol (TBA)	ND		35400		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100
p-Isopropyltoluene	ND		708		ug/Kg	☼	11/24/14 10:39	11/24/14 16:09	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	104		60 - 140	11/24/14 10:39	11/24/14 16:09	100
4-Bromofluorobenzene (Surr)	96		65 - 140	11/24/14 10:39	11/24/14 16:09	100
Dibromofluoromethane (Surr)	110		55 - 140	11/24/14 10:39	11/24/14 16:09	100

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Client Sample ID: SACA1123SD002

Lab Sample ID: 440-94089-4

Date Collected: 11/23/14 13:00

Matrix: Solid

Date Received: 11/23/14 16:41

Percent Solids: 14.1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
1,2-Diphenylhydrazine(as Azobenzene)	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
1,3-Dichlorobenzene	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
1,4-Dichlorobenzene	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
2,4,5-Trichlorophenol	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
2,4,6-Trichlorophenol	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
2,4-Dichlorophenol	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
2,4-Dimethylphenol	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
2,4-Dinitrophenol	ND		401000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
2,4-Dinitrotoluene	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
2,6-Dinitrotoluene	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
2-Chloronaphthalene	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
2-Chlorophenol	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
2-Methylnaphthalene	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
2-Methylphenol	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
2-Nitroaniline	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
2-Nitrophenol	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
3,3'-Dichlorobenzidine	ND		505000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
3-Nitroaniline	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
4,6-Dinitro-2-methylphenol	ND		255000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
4-Bromophenyl phenyl ether	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
4-Chloro-3-methylphenol	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
4-Chloroaniline	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
4-Chlorophenyl phenyl ether	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
3-Methylphenol + 4-Methylphenol	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
4-Nitroaniline	ND		505000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
4-Nitrophenol	ND		505000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
Acenaphthene	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
Acenaphthylene	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
Aniline	ND		255000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
Anthracene	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
Benzidine	ND		815000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
Benzo[a]anthracene	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
Benzo[a]pyrene	ND *		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
Benzo[b]fluoranthene	ND *		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
Benzo[g,h,i]perylene	ND *		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
Benzo[k]fluoranthene	ND *		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
Benzoic acid	ND		505000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
Benzyl alcohol	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
Bis(2-chloroethoxy)methane	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
Bis(2-chloroethyl)ether	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
Bis(2-ethylhexyl) phthalate	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
Butyl benzyl phthalate	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
Chrysene	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
Dibenz(a,h)anthracene	ND *		255000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
Dibenzofuran	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
Diethyl phthalate	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
Dimethyl phthalate	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
Di-n-butyl phthalate	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Client Sample ID: SACA1123SD002

Lab Sample ID: 440-94089-4

Date Collected: 11/23/14 13:00

Matrix: Solid

Date Received: 11/23/14 16:41

Percent Solids: 14.1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
Fluoranthene	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
Fluorene	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
Hexachlorobenzene	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
Hexachlorobutadiene	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
Hexachlorocyclopentadiene	ND		505000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
Hexachloroethane	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
Indeno[1,2,3-cd]pyrene	ND	*	201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
Isophorone	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
Naphthalene	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
Nitrobenzene	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
N-Nitrosodi-n-propylamine	ND		152000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
N-Nitrosodiphenylamine	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
Pentachlorophenol	ND		505000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
Phenanthrene	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
Phenol	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
Pyrene	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
bis (2-chloroisopropyl) ether	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20
N-Nitrosodimethylamine	ND		201000		ug/Kg	☼	11/23/14 19:10	11/24/14 11:43	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	25	X	35 - 120	11/23/14 19:10	11/24/14 11:43	20
2-Fluorophenol (Surr)	66		25 - 120	11/23/14 19:10	11/24/14 11:43	20
2,4,6-Tribromophenol (Surr)	92		35 - 125	11/23/14 19:10	11/24/14 11:43	20
Nitrobenzene-d5 (Surr)	71		30 - 120	11/23/14 19:10	11/24/14 11:43	20
Terphenyl-d14 (Surr)	90		40 - 135	11/23/14 19:10	11/24/14 11:43	20
Phenol-d6 (Surr)	74		35 - 120	11/23/14 19:10	11/24/14 11:43	20

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	1240000		283000		ug/Kg	☼	11/24/14 10:39	11/24/14 14:17	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		65 - 140	11/24/14 10:39	11/24/14 14:17	100

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	34100		1610		mg/Kg	☼	11/23/14 19:07	11/24/14 13:46	10
C23-C40	1610		1610		mg/Kg	☼	11/23/14 19:07	11/24/14 13:46	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	77		40 - 140	11/23/14 19:07	11/24/14 13:46	10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		69.4		mg/Kg	☼	11/24/14 09:16	11/24/14 16:34	5
Arsenic	34.3		20.8		mg/Kg	☼	11/24/14 09:16	11/24/14 16:34	5
Barium	9930		10.4		mg/Kg	☼	11/24/14 09:16	11/24/14 16:34	5
Beryllium	ND		3.47		mg/Kg	☼	11/24/14 09:16	11/24/14 16:34	5
Cadmium	5.79		3.47		mg/Kg	☼	11/24/14 09:16	11/24/14 16:34	5
Chromium	147		6.94		mg/Kg	☼	11/24/14 09:16	11/24/14 16:34	5

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Client Sample ID: SACA1123SD002

Lab Sample ID: 440-94089-4

Date Collected: 11/23/14 13:00

Matrix: Solid

Date Received: 11/23/14 16:41

Percent Solids: 14.1

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	29.6		6.94		mg/Kg	☼	11/24/14 09:16	11/24/14 16:34	5
Copper	146		13.9		mg/Kg	☼	11/24/14 09:16	11/24/14 16:34	5
Lead	214		13.9		mg/Kg	☼	11/24/14 09:16	11/24/14 16:34	5
Molybdenum	ND		13.9		mg/Kg	☼	11/24/14 09:16	11/24/14 16:34	5
Nickel	116		13.9		mg/Kg	☼	11/24/14 09:16	11/24/14 16:34	5
Selenium	ND		20.8		mg/Kg	☼	11/24/14 09:16	11/24/14 16:34	5
Thallium	ND		69.4		mg/Kg	☼	11/24/14 09:16	11/24/14 16:34	5
Vanadium	173		6.94		mg/Kg	☼	11/24/14 09:16	11/24/14 16:34	5
Zinc	1120		34.7		mg/Kg	☼	11/24/14 09:16	11/24/14 16:34	5
Silver	ND		10.4		mg/Kg	☼	11/24/14 09:16	11/24/14 16:34	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.303		0.139		mg/Kg	☼	11/24/14 14:32	11/24/14 17:11	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	86		0.10		%			12/18/14 13:00	1
Percent Solids	14		0.10		%			12/18/14 13:00	1

Client Sample ID: SACA1123TT001

Lab Sample ID: 440-94089-5

Date Collected: 11/23/14 11:20

Matrix: Water

Date Received: 11/23/14 16:41

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.00		ug/L			11/24/14 14:17	1
1,1,1-Trichloroethane	ND		2.00		ug/L			11/24/14 14:17	1
1,1,2,2-Tetrachloroethane	ND		2.00		ug/L			11/24/14 14:17	1
1,1,2-Trichloroethane	ND		2.00		ug/L			11/24/14 14:17	1
1,1-Dichloroethane	ND		2.00		ug/L			11/24/14 14:17	1
1,1-Dichloroethene	ND		5.00		ug/L			11/24/14 14:17	1
1,1-Dichloropropene	ND		2.00		ug/L			11/24/14 14:17	1
1,2,3-Trichlorobenzene	ND		5.00		ug/L			11/24/14 14:17	1
1,2,3-Trichloropropane	ND		10.0		ug/L			11/24/14 14:17	1
1,2,4-Trichlorobenzene	ND		5.00		ug/L			11/24/14 14:17	1
1,2,4-Trimethylbenzene	ND		2.00		ug/L			11/24/14 14:17	1
1,2-Dibromo-3-Chloropropane	ND		5.00		ug/L			11/24/14 14:17	1
1,2-Dibromoethane (EDB)	ND		2.00		ug/L			11/24/14 14:17	1
1,2-Dichlorobenzene	ND		2.00		ug/L			11/24/14 14:17	1
1,2-Dichloroethane	ND		2.00		ug/L			11/24/14 14:17	1
1,2-Dichloropropane	ND		2.00		ug/L			11/24/14 14:17	1
1,3,5-Trimethylbenzene	ND		2.00		ug/L			11/24/14 14:17	1
1,3-Dichlorobenzene	ND		2.00		ug/L			11/24/14 14:17	1
1,3-Dichloropropane	ND		2.00		ug/L			11/24/14 14:17	1
1,4-Dichlorobenzene	ND		2.00		ug/L			11/24/14 14:17	1
2,2-Dichloropropane	ND		2.00		ug/L			11/24/14 14:17	1
2-Chlorotoluene	ND		5.00		ug/L			11/24/14 14:17	1
4-Chlorotoluene	ND		5.00		ug/L			11/24/14 14:17	1
Benzene	ND		2.00		ug/L			11/24/14 14:17	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Client Sample ID: SACA1123TT001

Lab Sample ID: 440-94089-5

Date Collected: 11/23/14 11:20

Matrix: Water

Date Received: 11/23/14 16:41

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromobenzene	ND		5.00		ug/L			11/24/14 14:17	1
Bromochloromethane	ND		5.00		ug/L			11/24/14 14:17	1
Bromodichloromethane	ND		2.00		ug/L			11/24/14 14:17	1
Bromoform	11.8		5.00		ug/L			11/24/14 14:17	1
Bromomethane	ND		5.00		ug/L			11/24/14 14:17	1
Carbon tetrachloride	ND		5.00		ug/L			11/24/14 14:17	1
Chlorobenzene	ND		2.00		ug/L			11/24/14 14:17	1
Chloroethane	ND		5.00		ug/L			11/24/14 14:17	1
Chloroform	ND		2.00		ug/L			11/24/14 14:17	1
Chloromethane	ND		5.00		ug/L			11/24/14 14:17	1
cis-1,2-Dichloroethene	ND		2.00		ug/L			11/24/14 14:17	1
cis-1,3-Dichloropropene	ND		2.00		ug/L			11/24/14 14:17	1
Dibromochloromethane	ND		2.00		ug/L			11/24/14 14:17	1
Dibromomethane	ND		2.00		ug/L			11/24/14 14:17	1
Dichlorodifluoromethane	ND		5.00		ug/L			11/24/14 14:17	1
Ethylbenzene	ND		2.00		ug/L			11/24/14 14:17	1
Hexachlorobutadiene	ND		5.00		ug/L			11/24/14 14:17	1
Isopropylbenzene	ND		2.00		ug/L			11/24/14 14:17	1
m,p-Xylene	ND		2.00		ug/L			11/24/14 14:17	1
Methylene Chloride	ND		5.00		ug/L			11/24/14 14:17	1
Methyl-t-Butyl Ether (MTBE)	ND		1.00		ug/L			11/24/14 14:17	1
Naphthalene	ND		5.00		ug/L			11/24/14 14:17	1
n-Butylbenzene	ND		5.00		ug/L			11/24/14 14:17	1
N-Propylbenzene	ND		2.00		ug/L			11/24/14 14:17	1
o-Xylene	ND		2.00		ug/L			11/24/14 14:17	1
sec-Butylbenzene	ND		5.00		ug/L			11/24/14 14:17	1
Styrene	ND		2.00		ug/L			11/24/14 14:17	1
Tert-amyl-methyl ether (TAME)	ND		5.00		ug/L			11/24/14 14:17	1
tert-Butylbenzene	ND		5.00		ug/L			11/24/14 14:17	1
Tetrachloroethene	ND		2.00		ug/L			11/24/14 14:17	1
Toluene	ND		2.00		ug/L			11/24/14 14:17	1
trans-1,2-Dichloroethene	ND		2.00		ug/L			11/24/14 14:17	1
trans-1,3-Dichloropropene	ND		2.00		ug/L			11/24/14 14:17	1
Trichloroethene	ND		2.00		ug/L			11/24/14 14:17	1
Trichlorofluoromethane	ND		5.00		ug/L			11/24/14 14:17	1
Vinyl chloride	ND		5.00		ug/L			11/24/14 14:17	1
Xylenes, Total	ND		2.00		ug/L			11/24/14 14:17	1
Isopropyl Ether (DIPE)	ND		5.00		ug/L			11/24/14 14:17	1
Ethyl-t-butyl ether (ETBE)	ND		5.00		ug/L			11/24/14 14:17	1
tert-Butyl alcohol (TBA)	10.5		10.0		ug/L			11/24/14 14:17	1
p-Isopropyltoluene	ND		2.00		ug/L			11/24/14 14:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 128		11/24/14 14:17	1
4-Bromofluorobenzene (Surr)	92		80 - 120		11/24/14 14:17	1
Dibromofluoromethane (Surr)	103		76 - 132		11/24/14 14:17	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		50.0		ug/L			11/24/14 15:46	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Client Sample ID: SACA1123TT001

Lab Sample ID: 440-94089-5

Date Collected: 11/23/14 11:20

Matrix: Water

Date Received: 11/23/14 16:41

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		65 - 140		11/24/14 15:46	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.52	HF	0.100		SU			11/24/14 14:38	1

Client Sample ID: SACA1123TT002

Lab Sample ID: 440-94089-6

Date Collected: 11/23/14 11:40

Matrix: Water

Date Received: 11/23/14 16:41

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.00		ug/L			11/24/14 14:47	1
1,1,1-Trichloroethane	ND		2.00		ug/L			11/24/14 14:47	1
1,1,2,2-Tetrachloroethane	ND		2.00		ug/L			11/24/14 14:47	1
1,1,2-Trichloroethane	ND		2.00		ug/L			11/24/14 14:47	1
1,1-Dichloroethane	ND		2.00		ug/L			11/24/14 14:47	1
1,1-Dichloroethene	ND		5.00		ug/L			11/24/14 14:47	1
1,1-Dichloropropene	ND		2.00		ug/L			11/24/14 14:47	1
1,2,3-Trichlorobenzene	ND		5.00		ug/L			11/24/14 14:47	1
1,2,3-Trichloropropane	ND		10.0		ug/L			11/24/14 14:47	1
1,2,4-Trichlorobenzene	ND		5.00		ug/L			11/24/14 14:47	1
1,2,4-Trimethylbenzene	ND		2.00		ug/L			11/24/14 14:47	1
1,2-Dibromo-3-Chloropropane	ND		5.00		ug/L			11/24/14 14:47	1
1,2-Dibromoethane (EDB)	ND		2.00		ug/L			11/24/14 14:47	1
1,2-Dichlorobenzene	ND		2.00		ug/L			11/24/14 14:47	1
1,2-Dichloroethane	ND		2.00		ug/L			11/24/14 14:47	1
1,2-Dichloropropane	ND		2.00		ug/L			11/24/14 14:47	1
1,3,5-Trimethylbenzene	ND		2.00		ug/L			11/24/14 14:47	1
1,3-Dichlorobenzene	ND		2.00		ug/L			11/24/14 14:47	1
1,3-Dichloropropane	ND		2.00		ug/L			11/24/14 14:47	1
1,4-Dichlorobenzene	ND		2.00		ug/L			11/24/14 14:47	1
2,2-Dichloropropane	ND		2.00		ug/L			11/24/14 14:47	1
2-Chlorotoluene	ND		5.00		ug/L			11/24/14 14:47	1
4-Chlorotoluene	ND		5.00		ug/L			11/24/14 14:47	1
Benzene	ND		2.00		ug/L			11/24/14 14:47	1
Bromobenzene	ND		5.00		ug/L			11/24/14 14:47	1
Bromochloromethane	ND		5.00		ug/L			11/24/14 14:47	1
Bromodichloromethane	ND		2.00		ug/L			11/24/14 14:47	1
Bromoform	ND		5.00		ug/L			11/24/14 14:47	1
Bromomethane	ND		5.00		ug/L			11/24/14 14:47	1
Carbon tetrachloride	ND		5.00		ug/L			11/24/14 14:47	1
Chlorobenzene	ND		2.00		ug/L			11/24/14 14:47	1
Chloroethane	ND		5.00		ug/L			11/24/14 14:47	1
Chloroform	ND		2.00		ug/L			11/24/14 14:47	1
Chloromethane	ND		5.00		ug/L			11/24/14 14:47	1
cis-1,2-Dichloroethene	ND		2.00		ug/L			11/24/14 14:47	1
cis-1,3-Dichloropropene	ND		2.00		ug/L			11/24/14 14:47	1
Dibromochloromethane	ND		2.00		ug/L			11/24/14 14:47	1
Dibromomethane	ND		2.00		ug/L			11/24/14 14:47	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Client Sample ID: SACA1123TT002

Lab Sample ID: 440-94089-6

Date Collected: 11/23/14 11:40

Matrix: Water

Date Received: 11/23/14 16:41

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		5.00		ug/L			11/24/14 14:47	1
Ethylbenzene	ND		2.00		ug/L			11/24/14 14:47	1
Hexachlorobutadiene	ND		5.00		ug/L			11/24/14 14:47	1
Isopropylbenzene	ND		2.00		ug/L			11/24/14 14:47	1
m,p-Xylene	ND		2.00		ug/L			11/24/14 14:47	1
Methylene Chloride	ND		5.00		ug/L			11/24/14 14:47	1
Methyl-t-Butyl Ether (MTBE)	ND		1.00		ug/L			11/24/14 14:47	1
Naphthalene	ND		5.00		ug/L			11/24/14 14:47	1
n-Butylbenzene	ND		5.00		ug/L			11/24/14 14:47	1
N-Propylbenzene	ND		2.00		ug/L			11/24/14 14:47	1
o-Xylene	ND		2.00		ug/L			11/24/14 14:47	1
sec-Butylbenzene	ND		5.00		ug/L			11/24/14 14:47	1
Styrene	ND		2.00		ug/L			11/24/14 14:47	1
Tert-amyl-methyl ether (TAME)	ND		5.00		ug/L			11/24/14 14:47	1
tert-Butylbenzene	ND		5.00		ug/L			11/24/14 14:47	1
Tetrachloroethene	ND		2.00		ug/L			11/24/14 14:47	1
Toluene	ND		2.00		ug/L			11/24/14 14:47	1
trans-1,2-Dichloroethene	ND		2.00		ug/L			11/24/14 14:47	1
trans-1,3-Dichloropropene	ND		2.00		ug/L			11/24/14 14:47	1
Trichloroethene	ND		2.00		ug/L			11/24/14 14:47	1
Trichlorofluoromethane	ND		5.00		ug/L			11/24/14 14:47	1
Vinyl chloride	ND		5.00		ug/L			11/24/14 14:47	1
Xylenes, Total	ND		2.00		ug/L			11/24/14 14:47	1
Isopropyl Ether (DIPE)	ND		5.00		ug/L			11/24/14 14:47	1
Ethyl-t-butyl ether (ETBE)	ND		5.00		ug/L			11/24/14 14:47	1
tert-Butyl alcohol (TBA)	112		10.0		ug/L			11/24/14 14:47	1
p-Isopropyltoluene	2.93		2.00		ug/L			11/24/14 14:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	101		80 - 128		11/24/14 14:47	1
4-Bromofluorobenzene (Surr)	89		80 - 120		11/24/14 14:47	1
Dibromofluoromethane (Surr)	96		76 - 132		11/24/14 14:47	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	154		50.0		ug/L			11/24/14 14:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		65 - 140		11/24/14 14:18	1

Client Sample ID: SACA1123TT003

Lab Sample ID: 440-94089-7

Date Collected: 11/23/14 12:00

Matrix: Water

Date Received: 11/23/14 16:41

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.00		ug/L			11/24/14 15:17	1
1,1,1-Trichloroethane	ND		2.00		ug/L			11/24/14 15:17	1
1,1,2,2-Tetrachloroethane	ND		2.00		ug/L			11/24/14 15:17	1
1,1,2-Trichloroethane	ND		2.00		ug/L			11/24/14 15:17	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Client Sample ID: SACA1123TT003

Lab Sample ID: 440-94089-7

Date Collected: 11/23/14 12:00

Matrix: Water

Date Received: 11/23/14 16:41

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		2.00		ug/L			11/24/14 15:17	1
1,1-Dichloroethene	ND		5.00		ug/L			11/24/14 15:17	1
1,1-Dichloropropene	ND		2.00		ug/L			11/24/14 15:17	1
1,2,3-Trichlorobenzene	ND		5.00		ug/L			11/24/14 15:17	1
1,2,3-Trichloropropane	ND		10.0		ug/L			11/24/14 15:17	1
1,2,4-Trichlorobenzene	ND		5.00		ug/L			11/24/14 15:17	1
1,2,4-Trimethylbenzene	ND		2.00		ug/L			11/24/14 15:17	1
1,2-Dibromo-3-Chloropropane	ND		5.00		ug/L			11/24/14 15:17	1
1,2-Dibromoethane (EDB)	ND		2.00		ug/L			11/24/14 15:17	1
1,2-Dichlorobenzene	ND		2.00		ug/L			11/24/14 15:17	1
1,2-Dichloroethane	ND		2.00		ug/L			11/24/14 15:17	1
1,2-Dichloropropane	ND		2.00		ug/L			11/24/14 15:17	1
1,3,5-Trimethylbenzene	ND		2.00		ug/L			11/24/14 15:17	1
1,3-Dichlorobenzene	ND		2.00		ug/L			11/24/14 15:17	1
1,3-Dichloropropane	ND		2.00		ug/L			11/24/14 15:17	1
1,4-Dichlorobenzene	ND		2.00		ug/L			11/24/14 15:17	1
2,2-Dichloropropane	ND		2.00		ug/L			11/24/14 15:17	1
2-Chlorotoluene	ND		5.00		ug/L			11/24/14 15:17	1
4-Chlorotoluene	ND		5.00		ug/L			11/24/14 15:17	1
Benzene	ND		2.00		ug/L			11/24/14 15:17	1
Bromobenzene	ND		5.00		ug/L			11/24/14 15:17	1
Bromochloromethane	ND		5.00		ug/L			11/24/14 15:17	1
Bromodichloromethane	ND		2.00		ug/L			11/24/14 15:17	1
Bromoform	12.3		5.00		ug/L			11/24/14 15:17	1
Bromomethane	ND		5.00		ug/L			11/24/14 15:17	1
Carbon tetrachloride	ND		5.00		ug/L			11/24/14 15:17	1
Chlorobenzene	ND		2.00		ug/L			11/24/14 15:17	1
Chloroethane	ND		5.00		ug/L			11/24/14 15:17	1
Chloroform	ND		2.00		ug/L			11/24/14 15:17	1
Chloromethane	ND		5.00		ug/L			11/24/14 15:17	1
cis-1,2-Dichloroethene	ND		2.00		ug/L			11/24/14 15:17	1
cis-1,3-Dichloropropene	ND		2.00		ug/L			11/24/14 15:17	1
Dibromochloromethane	ND		2.00		ug/L			11/24/14 15:17	1
Dibromomethane	ND		2.00		ug/L			11/24/14 15:17	1
Dichlorodifluoromethane	ND		5.00		ug/L			11/24/14 15:17	1
Ethylbenzene	ND		2.00		ug/L			11/24/14 15:17	1
Hexachlorobutadiene	ND		5.00		ug/L			11/24/14 15:17	1
Isopropylbenzene	ND		2.00		ug/L			11/24/14 15:17	1
m,p-Xylene	ND		2.00		ug/L			11/24/14 15:17	1
Methylene Chloride	ND		5.00		ug/L			11/24/14 15:17	1
Methyl-t-Butyl Ether (MTBE)	ND		1.00		ug/L			11/24/14 15:17	1
Naphthalene	ND		5.00		ug/L			11/24/14 15:17	1
n-Butylbenzene	ND		5.00		ug/L			11/24/14 15:17	1
N-Propylbenzene	ND		2.00		ug/L			11/24/14 15:17	1
o-Xylene	ND		2.00		ug/L			11/24/14 15:17	1
sec-Butylbenzene	ND		5.00		ug/L			11/24/14 15:17	1
Styrene	ND		2.00		ug/L			11/24/14 15:17	1
Tert-amyl-methyl ether (TAME)	ND		5.00		ug/L			11/24/14 15:17	1
tert-Butylbenzene	ND		5.00		ug/L			11/24/14 15:17	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Client Sample ID: SACA1123TT003

Lab Sample ID: 440-94089-7

Date Collected: 11/23/14 12:00

Matrix: Water

Date Received: 11/23/14 16:41

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		2.00		ug/L			11/24/14 15:17	1
Toluene	ND		2.00		ug/L			11/24/14 15:17	1
trans-1,2-Dichloroethene	ND		2.00		ug/L			11/24/14 15:17	1
trans-1,3-Dichloropropene	ND		2.00		ug/L			11/24/14 15:17	1
Trichloroethene	ND		2.00		ug/L			11/24/14 15:17	1
Trichlorofluoromethane	ND		5.00		ug/L			11/24/14 15:17	1
Vinyl chloride	ND		5.00		ug/L			11/24/14 15:17	1
Xylenes, Total	ND		2.00		ug/L			11/24/14 15:17	1
Isopropyl Ether (DIPE)	ND		5.00		ug/L			11/24/14 15:17	1
Ethyl-t-butyl ether (ETBE)	ND		5.00		ug/L			11/24/14 15:17	1
tert-Butyl alcohol (TBA)	44.7		10.0		ug/L			11/24/14 15:17	1
p-Isopropyltoluene	ND		2.00		ug/L			11/24/14 15:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	7	X	80 - 128		11/24/14 15:17	1
4-Bromofluorobenzene (Surr)	94		80 - 120		11/24/14 15:17	1
Dibromofluoromethane (Surr)	103		76 - 132		11/24/14 15:17	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	391		50.0		ug/L			11/24/14 14:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		65 - 140		11/24/14 14:47	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.80	HF	0.100		SU			11/24/14 14:38	1

Client Sample ID: SACA1123TT004

Lab Sample ID: 440-94089-8

Date Collected: 11/23/14 12:10

Matrix: Water

Date Received: 11/23/14 16:41

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.00		ug/L			11/24/14 15:47	1
1,1,1-Trichloroethane	ND		2.00		ug/L			11/24/14 15:47	1
1,1,2,2-Tetrachloroethane	ND		2.00		ug/L			11/24/14 15:47	1
1,1,2-Trichloroethane	ND		2.00		ug/L			11/24/14 15:47	1
1,1-Dichloroethane	ND		2.00		ug/L			11/24/14 15:47	1
1,1-Dichloroethene	ND		5.00		ug/L			11/24/14 15:47	1
1,1-Dichloropropene	ND		2.00		ug/L			11/24/14 15:47	1
1,2,3-Trichlorobenzene	ND		5.00		ug/L			11/24/14 15:47	1
1,2,3-Trichloropropane	ND		10.0		ug/L			11/24/14 15:47	1
1,2,4-Trichlorobenzene	ND		5.00		ug/L			11/24/14 15:47	1
1,2,4-Trimethylbenzene	ND		2.00		ug/L			11/24/14 15:47	1
1,2-Dibromo-3-Chloropropane	ND		5.00		ug/L			11/24/14 15:47	1
1,2-Dibromoethane (EDB)	ND		2.00		ug/L			11/24/14 15:47	1
1,2-Dichlorobenzene	ND		2.00		ug/L			11/24/14 15:47	1
1,2-Dichloroethane	ND		2.00		ug/L			11/24/14 15:47	1
1,2-Dichloropropane	ND		2.00		ug/L			11/24/14 15:47	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Client Sample ID: SACA1123TT004

Lab Sample ID: 440-94089-8

Date Collected: 11/23/14 12:10

Matrix: Water

Date Received: 11/23/14 16:41

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	ND		2.00		ug/L			11/24/14 15:47	1
1,3-Dichlorobenzene	ND		2.00		ug/L			11/24/14 15:47	1
1,3-Dichloropropane	ND		2.00		ug/L			11/24/14 15:47	1
1,4-Dichlorobenzene	ND		2.00		ug/L			11/24/14 15:47	1
2,2-Dichloropropane	ND		2.00		ug/L			11/24/14 15:47	1
2-Chlorotoluene	ND		5.00		ug/L			11/24/14 15:47	1
4-Chlorotoluene	ND		5.00		ug/L			11/24/14 15:47	1
Benzene	ND		2.00		ug/L			11/24/14 15:47	1
Bromobenzene	ND		5.00		ug/L			11/24/14 15:47	1
Bromochloromethane	ND		5.00		ug/L			11/24/14 15:47	1
Bromodichloromethane	ND		2.00		ug/L			11/24/14 15:47	1
Bromoform	18.5		5.00		ug/L			11/24/14 15:47	1
Bromomethane	ND		5.00		ug/L			11/24/14 15:47	1
Carbon tetrachloride	ND		5.00		ug/L			11/24/14 15:47	1
Chlorobenzene	ND		2.00		ug/L			11/24/14 15:47	1
Chloroethane	ND		5.00		ug/L			11/24/14 15:47	1
Chloroform	ND		2.00		ug/L			11/24/14 15:47	1
Chloromethane	ND		5.00		ug/L			11/24/14 15:47	1
cis-1,2-Dichloroethene	ND		2.00		ug/L			11/24/14 15:47	1
cis-1,3-Dichloropropene	ND		2.00		ug/L			11/24/14 15:47	1
Dibromochloromethane	ND		2.00		ug/L			11/24/14 15:47	1
Dibromomethane	ND		2.00		ug/L			11/24/14 15:47	1
Dichlorodifluoromethane	ND		5.00		ug/L			11/24/14 15:47	1
Ethylbenzene	ND		2.00		ug/L			11/24/14 15:47	1
Hexachlorobutadiene	ND		5.00		ug/L			11/24/14 15:47	1
Isopropylbenzene	ND		2.00		ug/L			11/24/14 15:47	1
m,p-Xylene	ND		2.00		ug/L			11/24/14 15:47	1
Methylene Chloride	ND		5.00		ug/L			11/24/14 15:47	1
Methyl-t-Butyl Ether (MTBE)	ND		1.00		ug/L			11/24/14 15:47	1
Naphthalene	ND		5.00		ug/L			11/24/14 15:47	1
n-Butylbenzene	ND		5.00		ug/L			11/24/14 15:47	1
N-Propylbenzene	ND		2.00		ug/L			11/24/14 15:47	1
o-Xylene	ND		2.00		ug/L			11/24/14 15:47	1
sec-Butylbenzene	ND		5.00		ug/L			11/24/14 15:47	1
Styrene	ND		2.00		ug/L			11/24/14 15:47	1
Tert-amyl-methyl ether (TAME)	ND		5.00		ug/L			11/24/14 15:47	1
tert-Butylbenzene	ND		5.00		ug/L			11/24/14 15:47	1
Tetrachloroethene	ND		2.00		ug/L			11/24/14 15:47	1
Toluene	ND		2.00		ug/L			11/24/14 15:47	1
trans-1,2-Dichloroethene	ND		2.00		ug/L			11/24/14 15:47	1
trans-1,3-Dichloropropene	ND		2.00		ug/L			11/24/14 15:47	1
Trichloroethene	ND		2.00		ug/L			11/24/14 15:47	1
Trichlorofluoromethane	ND		5.00		ug/L			11/24/14 15:47	1
Vinyl chloride	ND		5.00		ug/L			11/24/14 15:47	1
Xylenes, Total	ND		2.00		ug/L			11/24/14 15:47	1
Isopropyl Ether (DIPE)	ND		5.00		ug/L			11/24/14 15:47	1
Ethyl-t-butyl ether (ETBE)	ND		5.00		ug/L			11/24/14 15:47	1
tert-Butyl alcohol (TBA)	44.5		10.0		ug/L			11/24/14 15:47	1
p-Isopropyltoluene	ND		2.00		ug/L			11/24/14 15:47	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Client Sample ID: SACA1123TT004

Lab Sample ID: 440-94089-8

Date Collected: 11/23/14 12:10

Matrix: Water

Date Received: 11/23/14 16:41

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	4	X	80 - 128		11/24/14 15:47	1
4-Bromofluorobenzene (Surr)	94		80 - 120		11/24/14 15:47	1
Dibromofluoromethane (Surr)	103		76 - 132		11/24/14 15:47	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	395		100		ug/L			11/24/14 16:41	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		65 - 140		11/24/14 16:41	2

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.86	HF	0.100		SU			11/24/14 14:38	1

Client Sample ID: SACA1123TT005

Lab Sample ID: 440-94089-9

Date Collected: 11/23/14 12:20

Matrix: Water

Date Received: 11/23/14 16:41

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		100		ug/L			11/24/14 16:02	20
1,1,1-Trichloroethane	ND		40.0		ug/L			11/24/14 16:02	20
1,1,2,2-Tetrachloroethane	ND		40.0		ug/L			11/24/14 16:02	20
1,1,2-Trichloroethane	ND		40.0		ug/L			11/24/14 16:02	20
1,1-Dichloroethane	ND		40.0		ug/L			11/24/14 16:02	20
1,1-Dichloroethene	ND		100		ug/L			11/24/14 16:02	20
1,1-Dichloropropene	ND		40.0		ug/L			11/24/14 16:02	20
1,2,3-Trichlorobenzene	ND		100		ug/L			11/24/14 16:02	20
1,2,3-Trichloropropane	ND		200		ug/L			11/24/14 16:02	20
1,2,4-Trichlorobenzene	ND		100		ug/L			11/24/14 16:02	20
1,2,4-Trimethylbenzene	ND		40.0		ug/L			11/24/14 16:02	20
1,2-Dibromo-3-Chloropropane	ND		100		ug/L			11/24/14 16:02	20
1,2-Dibromoethane (EDB)	ND		40.0		ug/L			11/24/14 16:02	20
1,2-Dichlorobenzene	ND		40.0		ug/L			11/24/14 16:02	20
1,2-Dichloroethane	ND		40.0		ug/L			11/24/14 16:02	20
1,2-Dichloropropane	ND		40.0		ug/L			11/24/14 16:02	20
1,3,5-Trimethylbenzene	ND		40.0		ug/L			11/24/14 16:02	20
1,3-Dichlorobenzene	ND		40.0		ug/L			11/24/14 16:02	20
1,3-Dichloropropane	ND		40.0		ug/L			11/24/14 16:02	20
1,4-Dichlorobenzene	ND		40.0		ug/L			11/24/14 16:02	20
2,2-Dichloropropane	ND		40.0		ug/L			11/24/14 16:02	20
2-Chlorotoluene	ND		100		ug/L			11/24/14 16:02	20
4-Chlorotoluene	ND		100		ug/L			11/24/14 16:02	20
Benzene	ND		40.0		ug/L			11/24/14 16:02	20
Bromobenzene	ND		100		ug/L			11/24/14 16:02	20
Bromochloromethane	ND		100		ug/L			11/24/14 16:02	20
Bromodichloromethane	ND		40.0		ug/L			11/24/14 16:02	20
Bromoform	ND		100		ug/L			11/24/14 16:02	20
Bromomethane	ND		100		ug/L			11/24/14 16:02	20
Carbon tetrachloride	ND		100		ug/L			11/24/14 16:02	20

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Client Sample ID: SACA1123TT005

Lab Sample ID: 440-94089-9

Date Collected: 11/23/14 12:20

Matrix: Water

Date Received: 11/23/14 16:41

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		40.0		ug/L			11/24/14 16:02	20
Chloroethane	ND		100		ug/L			11/24/14 16:02	20
Chloroform	ND		40.0		ug/L			11/24/14 16:02	20
Chloromethane	ND		100		ug/L			11/24/14 16:02	20
cis-1,2-Dichloroethene	ND		40.0		ug/L			11/24/14 16:02	20
cis-1,3-Dichloropropene	ND		40.0		ug/L			11/24/14 16:02	20
Dibromochloromethane	ND		40.0		ug/L			11/24/14 16:02	20
Dibromomethane	ND		40.0		ug/L			11/24/14 16:02	20
Dichlorodifluoromethane	ND		100		ug/L			11/24/14 16:02	20
Ethylbenzene	ND		40.0		ug/L			11/24/14 16:02	20
Hexachlorobutadiene	ND		100		ug/L			11/24/14 16:02	20
Isopropylbenzene	ND		40.0		ug/L			11/24/14 16:02	20
m,p-Xylene	ND		40.0		ug/L			11/24/14 16:02	20
Methylene Chloride	ND		100		ug/L			11/24/14 16:02	20
Methyl-t-Butyl Ether (MTBE)	ND		20.0		ug/L			11/24/14 16:02	20
Naphthalene	ND		100		ug/L			11/24/14 16:02	20
n-Butylbenzene	ND		100		ug/L			11/24/14 16:02	20
N-Propylbenzene	ND		40.0		ug/L			11/24/14 16:02	20
o-Xylene	ND		40.0		ug/L			11/24/14 16:02	20
sec-Butylbenzene	ND		100		ug/L			11/24/14 16:02	20
Styrene	ND		40.0		ug/L			11/24/14 16:02	20
Tert-amyl-methyl ether (TAME)	ND		100		ug/L			11/24/14 16:02	20
tert-Butylbenzene	ND		100		ug/L			11/24/14 16:02	20
Tetrachloroethene	ND		40.0		ug/L			11/24/14 16:02	20
Toluene	ND		40.0		ug/L			11/24/14 16:02	20
trans-1,2-Dichloroethene	ND		40.0		ug/L			11/24/14 16:02	20
trans-1,3-Dichloropropene	ND		40.0		ug/L			11/24/14 16:02	20
Trichloroethene	ND		40.0		ug/L			11/24/14 16:02	20
Trichlorofluoromethane	ND		100		ug/L			11/24/14 16:02	20
Vinyl chloride	ND		100		ug/L			11/24/14 16:02	20
Xylenes, Total	ND		40.0		ug/L			11/24/14 16:02	20
Isopropyl Ether (DIPE)	ND		100		ug/L			11/24/14 16:02	20
Ethyl-t-butyl ether (ETBE)	ND		100		ug/L			11/24/14 16:02	20
tert-Butyl alcohol (TBA)	ND		200		ug/L			11/24/14 16:02	20
p-Isopropyltoluene	ND		40.0		ug/L			11/24/14 16:02	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	110		80 - 128		11/24/14 16:02	20
4-Bromofluorobenzene (Surr)	97		80 - 120		11/24/14 16:02	20
Dibromofluoromethane (Surr)	95		76 - 132		11/24/14 16:02	20

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	13700		2000		ug/L			11/24/14 15:17	40

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		65 - 140		11/24/14 15:17	40

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Client Sample ID: SACA1123TT005

Lab Sample ID: 440-94089-9

Date Collected: 11/23/14 12:20

Matrix: Water

Date Received: 11/23/14 16:41

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.40	HF	0.100		SU			11/24/14 14:38	1

Client Sample ID: SACA1123TT006

Lab Sample ID: 440-94089-10

Date Collected: 11/23/14 13:00

Matrix: Solid

Date Received: 11/23/14 16:41

Percent Solids: 49.0

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		8950		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
1,1,1-Trichloroethane	ND		3580		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
1,1,2,2-Tetrachloroethane	ND		3580		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
1,1,2-Trichloroethane	ND		3580		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
1,1-Dichloroethane	ND		3580		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
1,1-Dichloroethene	ND		8950		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
1,1-Dichloropropene	ND		3580		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
1,2,3-Trichlorobenzene	ND		8950		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
1,2,3-Trichloropropane	ND		17900		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
1,2,4-Trichlorobenzene	ND		8950		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
1,2,4-Trimethylbenzene	ND		3580		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
1,2-Dibromo-3-Chloropropane	ND		8950		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
1,2-Dibromoethane (EDB)	ND		3580		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
1,2-Dichlorobenzene	ND		3580		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
1,2-Dichloroethane	ND		3580		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
1,2-Dichloropropane	ND		3580		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
1,3,5-Trimethylbenzene	ND		3580		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
1,3-Dichlorobenzene	ND		3580		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
1,3-Dichloropropane	ND		3580		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
1,4-Dichlorobenzene	ND		3580		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
2,2-Dichloropropane	ND		7160		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
2-Chlorotoluene	ND		8950		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
4-Chlorotoluene	ND		8950		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
Benzene	ND		3580		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
Bromobenzene	ND		8950		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
Bromochloromethane	ND		8950		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
Bromodichloromethane	ND		3580		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
Bromoform	ND		8950		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
Bromomethane	ND		8950		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
Carbon tetrachloride	ND		8950		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
Chlorobenzene	ND		3580		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
Chloroethane	ND		8950		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
Chloroform	ND		3580		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
Chloromethane	ND		8950		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
cis-1,2-Dichloroethene	ND		3580		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
cis-1,3-Dichloropropene	ND		3580		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
Dibromochloromethane	ND		3580		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
Dibromomethane	ND		3580		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
Dichlorodifluoromethane	ND		8950		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
Ethylbenzene	ND		3580		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
Hexachlorobutadiene	ND		8950		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
Isopropylbenzene	ND		3580		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Client Sample ID: SACA1123TT006

Lab Sample ID: 440-94089-10

Date Collected: 11/23/14 13:00

Matrix: Solid

Date Received: 11/23/14 16:41

Percent Solids: 49.0

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylene	ND		7160		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
Methylene Chloride	ND		35800		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
Methyl-t-Butyl Ether (MTBE)	ND		8950		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
Naphthalene	ND		8950		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
n-Butylbenzene	ND		8950		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
N-Propylbenzene	ND		3580		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
o-Xylene	ND		3580		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
sec-Butylbenzene	ND		8950		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
Styrene	ND		3580		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
Tert-amyl-methyl ether (TAME)	ND		8950		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
tert-Butylbenzene	ND		8950		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
Tetrachloroethene	ND		3580		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
Toluene	ND		3580		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
trans-1,2-Dichloroethene	ND		3580		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
trans-1,3-Dichloropropene	ND		3580		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
Trichloroethene	ND		3580		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
Trichlorofluoromethane	ND		8950		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
Vinyl chloride	ND		8950		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
Xylenes, Total	ND		7160		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
Isopropyl Ether (DIPE)	ND		8950		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
Ethyl-t-butyl ether (ETBE)	ND		8950		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
tert-Butyl alcohol (TBA)	ND		179000		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100
p-Isopropyltoluene	ND		3580		ug/Kg	☼	11/24/14 13:49	11/24/14 16:37	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	107		60 - 140	11/24/14 13:49	11/24/14 16:37	100
4-Bromofluorobenzene (Surr)	100		65 - 140	11/24/14 13:49	11/24/14 16:37	100
Dibromofluoromethane (Surr)	104		55 - 140	11/24/14 13:49	11/24/14 16:37	100

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
1,2-Dichlorobenzene	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
1,2-Diphenylhydrazine(as Azobenzene)	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
1,3-Dichlorobenzene	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
1,4-Dichlorobenzene	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
2,4,5-Trichlorophenol	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
2,4,6-Trichlorophenol	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
2,4-Dichlorophenol	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
2,4-Dimethylphenol	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
2,4-Dinitrophenol	ND		149000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
2,4-Dinitrotoluene	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
2,6-Dinitrotoluene	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
2-Chloronaphthalene	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
2-Chlorophenol	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
2-Methylnaphthalene	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
2-Methylphenol	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
2-Nitroaniline	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
2-Nitrophenol	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Client Sample ID: SACA1123TT006

Lab Sample ID: 440-94089-10

Date Collected: 11/23/14 13:00

Matrix: Solid

Date Received: 11/23/14 16:41

Percent Solids: 49.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	ND		188000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
3-Nitroaniline	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
4,6-Dinitro-2-methylphenol	ND		95100		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
4-Bromophenyl phenyl ether	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
4-Chloro-3-methylphenol	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
4-Chloroaniline	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
4-Chlorophenyl phenyl ether	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
3-Methylphenol + 4-Methylphenol	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
4-Nitroaniline	ND		188000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
4-Nitrophenol	ND		188000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
Acenaphthene	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
Acenaphthylene	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
Aniline	ND		95100		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
Anthracene	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
Benzidine	ND		303000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
Benzo[a]anthracene	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
Benzo[a]pyrene	ND *		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
Benzo[b]fluoranthene	ND *		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
Benzo[g,h,i]perylene	ND *		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
Benzo[k]fluoranthene	ND *		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
Benzoic acid	ND		188000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
Benzyl alcohol	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
Bis(2-chloroethoxy)methane	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
Bis(2-chloroethyl)ether	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
Bis(2-ethylhexyl) phthalate	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
Butyl benzyl phthalate	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
Chrysene	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
Dibenz(a,h)anthracene	ND *		95100		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
Dibenzofuran	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
Diethyl phthalate	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
Dimethyl phthalate	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
Di-n-butyl phthalate	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
Di-n-octyl phthalate	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
Fluoranthene	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
Fluorene	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
Hexachlorobenzene	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
Hexachlorobutadiene	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
Hexachlorocyclopentadiene	ND		188000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
Hexachloroethane	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
Indeno[1,2,3-cd]pyrene	ND *		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
Isophorone	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
Naphthalene	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
Nitrobenzene	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
N-Nitrosodi-n-propylamine	ND		56600		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
N-Nitrosodiphenylamine	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
Pentachlorophenol	ND		188000		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
Phenanthrene	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
Phenol	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
Pyrene	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Client Sample ID: SACA1123TT006

Lab Sample ID: 440-94089-10

Date Collected: 11/23/14 13:00

Matrix: Solid

Date Received: 11/23/14 16:41

Percent Solids: 49.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
N-Nitrosodimethylamine	ND		74700		ug/Kg	☼	11/23/14 19:10	11/24/14 12:04	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	0	X	35 - 120				11/23/14 19:10	11/24/14 12:04	25
2-Fluorophenol (Surr)	21	X	25 - 120				11/23/14 19:10	11/24/14 12:04	25
2,4,6-Tribromophenol (Surr)	26	X	35 - 125				11/23/14 19:10	11/24/14 12:04	25
Nitrobenzene-d5 (Surr)	0	X	30 - 120				11/23/14 19:10	11/24/14 12:04	25
Terphenyl-d14 (Surr)	0	X	40 - 135				11/23/14 19:10	11/24/14 12:04	25
Phenol-d6 (Surr)	24	X	35 - 120				11/23/14 19:10	11/24/14 12:04	25

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	1760000		1430000		ug/Kg	☼	11/24/14 13:49	11/24/14 14:42	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		65 - 140				11/24/14 13:49	11/24/14 14:42	100

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	13200		445		mg/Kg	☼	11/23/14 19:07	11/24/14 13:06	10
C23-C40	29000		445		mg/Kg	☼	11/23/14 19:07	11/24/14 13:06	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
n-Octacosane	75		40 - 140				11/23/14 19:07	11/24/14 13:06	10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		20.5		mg/Kg	☼	11/24/14 09:16	11/24/14 16:36	5
Arsenic	ND		6.15		mg/Kg	☼	11/24/14 09:16	11/24/14 16:36	5
Barium	4.67		3.08		mg/Kg	☼	11/24/14 09:16	11/24/14 16:36	5
Beryllium	ND		1.03		mg/Kg	☼	11/24/14 09:16	11/24/14 16:36	5
Cadmium	ND		1.03		mg/Kg	☼	11/24/14 09:16	11/24/14 16:36	5
Chromium	ND		2.05		mg/Kg	☼	11/24/14 09:16	11/24/14 16:36	5
Cobalt	ND		2.05		mg/Kg	☼	11/24/14 09:16	11/24/14 16:36	5
Copper	ND		4.10		mg/Kg	☼	11/24/14 09:16	11/24/14 16:36	5
Lead	ND		4.10		mg/Kg	☼	11/24/14 09:16	11/24/14 16:36	5
Molybdenum	ND		4.10		mg/Kg	☼	11/24/14 09:16	11/24/14 16:36	5
Nickel	ND		4.10		mg/Kg	☼	11/24/14 09:16	11/24/14 16:36	5
Selenium	ND		6.15		mg/Kg	☼	11/24/14 09:16	11/24/14 16:36	5
Thallium	ND		20.5		mg/Kg	☼	11/24/14 09:16	11/24/14 16:36	5
Vanadium	ND		2.05		mg/Kg	☼	11/24/14 09:16	11/24/14 16:36	5
Zinc	ND		10.3		mg/Kg	☼	11/24/14 09:16	11/24/14 16:36	5
Silver	ND		3.08		mg/Kg	☼	11/24/14 09:16	11/24/14 16:36	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.183		0.0400		mg/Kg	☼	11/24/14 14:32	11/24/14 17:21	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Client Sample ID: SACA1123TT006

Lab Sample ID: 440-94089-10

Date Collected: 11/23/14 13:00

Matrix: Solid

Date Received: 11/23/14 16:41

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	51		0.10		%			12/18/14 13:00	1
Percent Solids	49		0.10		%			12/18/14 13:00	1

Client Sample ID: SACA1123TB002

Lab Sample ID: 440-94089-12

Date Collected: 11/23/14 00:01

Matrix: Water

Date Received: 11/23/14 16:41

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.00		ug/L			11/24/14 12:39	1
1,1,1-Trichloroethane	ND		2.00		ug/L			11/24/14 12:39	1
1,1,2,2-Tetrachloroethane	ND		2.00		ug/L			11/24/14 12:39	1
1,1,2-Trichloroethane	ND		2.00		ug/L			11/24/14 12:39	1
1,1-Dichloroethane	ND		2.00		ug/L			11/24/14 12:39	1
1,1-Dichloroethene	ND		5.00		ug/L			11/24/14 12:39	1
1,1-Dichloropropene	ND		2.00		ug/L			11/24/14 12:39	1
1,2,3-Trichlorobenzene	ND		5.00		ug/L			11/24/14 12:39	1
1,2,3-Trichloropropane	ND		10.0		ug/L			11/24/14 12:39	1
1,2,4-Trichlorobenzene	ND		5.00		ug/L			11/24/14 12:39	1
1,2,4-Trimethylbenzene	ND		2.00		ug/L			11/24/14 12:39	1
1,2-Dibromo-3-Chloropropane	ND		5.00		ug/L			11/24/14 12:39	1
1,2-Dibromoethane (EDB)	ND		2.00		ug/L			11/24/14 12:39	1
1,2-Dichlorobenzene	ND		2.00		ug/L			11/24/14 12:39	1
1,2-Dichloroethane	ND		2.00		ug/L			11/24/14 12:39	1
1,2-Dichloropropane	ND		2.00		ug/L			11/24/14 12:39	1
1,3,5-Trimethylbenzene	ND		2.00		ug/L			11/24/14 12:39	1
1,3-Dichlorobenzene	ND		2.00		ug/L			11/24/14 12:39	1
1,3-Dichloropropane	ND		2.00		ug/L			11/24/14 12:39	1
1,4-Dichlorobenzene	ND		2.00		ug/L			11/24/14 12:39	1
2,2-Dichloropropane	ND		2.00		ug/L			11/24/14 12:39	1
2-Chlorotoluene	ND		5.00		ug/L			11/24/14 12:39	1
4-Chlorotoluene	ND		5.00		ug/L			11/24/14 12:39	1
Benzene	ND		2.00		ug/L			11/24/14 12:39	1
Bromobenzene	ND		5.00		ug/L			11/24/14 12:39	1
Bromochloromethane	ND		5.00		ug/L			11/24/14 12:39	1
Bromodichloromethane	ND		2.00		ug/L			11/24/14 12:39	1
Bromoform	ND		5.00		ug/L			11/24/14 12:39	1
Bromomethane	ND		5.00		ug/L			11/24/14 12:39	1
Carbon tetrachloride	ND		5.00		ug/L			11/24/14 12:39	1
Chlorobenzene	ND		2.00		ug/L			11/24/14 12:39	1
Chloroethane	ND		5.00		ug/L			11/24/14 12:39	1
Chloroform	ND		2.00		ug/L			11/24/14 12:39	1
Chloromethane	ND		5.00		ug/L			11/24/14 12:39	1
cis-1,2-Dichloroethene	ND		2.00		ug/L			11/24/14 12:39	1
cis-1,3-Dichloropropene	ND		2.00		ug/L			11/24/14 12:39	1
Dibromochloromethane	ND		2.00		ug/L			11/24/14 12:39	1
Dibromomethane	ND		2.00		ug/L			11/24/14 12:39	1
Dichlorodifluoromethane	ND		5.00		ug/L			11/24/14 12:39	1
Ethylbenzene	ND		2.00		ug/L			11/24/14 12:39	1
Hexachlorobutadiene	ND		5.00		ug/L			11/24/14 12:39	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Client Sample ID: SACA1123TB002

Lab Sample ID: 440-94089-12

Date Collected: 11/23/14 00:01

Matrix: Water

Date Received: 11/23/14 16:41

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		2.00		ug/L			11/24/14 12:39	1
m,p-Xylene	ND		2.00		ug/L			11/24/14 12:39	1
Methylene Chloride	ND		5.00		ug/L			11/24/14 12:39	1
Methyl-t-Butyl Ether (MTBE)	ND		1.00		ug/L			11/24/14 12:39	1
Naphthalene	ND		5.00		ug/L			11/24/14 12:39	1
n-Butylbenzene	ND		5.00		ug/L			11/24/14 12:39	1
N-Propylbenzene	ND		2.00		ug/L			11/24/14 12:39	1
o-Xylene	ND		2.00		ug/L			11/24/14 12:39	1
sec-Butylbenzene	ND		5.00		ug/L			11/24/14 12:39	1
Styrene	ND		2.00		ug/L			11/24/14 12:39	1
Tert-amyl-methyl ether (TAME)	ND		5.00		ug/L			11/24/14 12:39	1
tert-Butylbenzene	ND		5.00		ug/L			11/24/14 12:39	1
Tetrachloroethene	ND		2.00		ug/L			11/24/14 12:39	1
Toluene	ND		2.00		ug/L			11/24/14 12:39	1
trans-1,2-Dichloroethene	ND		2.00		ug/L			11/24/14 12:39	1
trans-1,3-Dichloropropene	ND		2.00		ug/L			11/24/14 12:39	1
Trichloroethene	ND		2.00		ug/L			11/24/14 12:39	1
Trichlorofluoromethane	ND		5.00		ug/L			11/24/14 12:39	1
Vinyl chloride	ND		5.00		ug/L			11/24/14 12:39	1
Xylenes, Total	ND		2.00		ug/L			11/24/14 12:39	1
Isopropyl Ether (DIPE)	ND		5.00		ug/L			11/24/14 12:39	1
Ethyl-t-butyl ether (ETBE)	ND		5.00		ug/L			11/24/14 12:39	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			11/24/14 12:39	1
p-Isopropyltoluene	ND		2.00		ug/L			11/24/14 12:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	111		80 - 128		11/24/14 12:39	1
4-Bromofluorobenzene (Surr)	100		80 - 120		11/24/14 12:39	1
Dibromofluoromethane (Surr)	99		76 - 132		11/24/14 12:39	1

Client Sample ID: SACA1123TB001

Lab Sample ID: 440-94089-13

Date Collected: 11/23/14 00:01

Matrix: Water

Date Received: 11/23/14 16:41

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.00		ug/L			11/24/14 13:08	1
1,1,1-Trichloroethane	ND		2.00		ug/L			11/24/14 13:08	1
1,1,1,2,2-Tetrachloroethane	ND		2.00		ug/L			11/24/14 13:08	1
1,1,2-Trichloroethane	ND		2.00		ug/L			11/24/14 13:08	1
1,1-Dichloroethane	ND		2.00		ug/L			11/24/14 13:08	1
1,1-Dichloroethene	ND		5.00		ug/L			11/24/14 13:08	1
1,1-Dichloropropene	ND		2.00		ug/L			11/24/14 13:08	1
1,2,3-Trichlorobenzene	ND		5.00		ug/L			11/24/14 13:08	1
1,2,3-Trichloropropane	ND		10.0		ug/L			11/24/14 13:08	1
1,2,4-Trichlorobenzene	ND		5.00		ug/L			11/24/14 13:08	1
1,2,4-Trimethylbenzene	ND		2.00		ug/L			11/24/14 13:08	1
1,2-Dibromo-3-Chloropropane	ND		5.00		ug/L			11/24/14 13:08	1
1,2-Dibromoethane (EDB)	ND		2.00		ug/L			11/24/14 13:08	1
1,2-Dichlorobenzene	ND		2.00		ug/L			11/24/14 13:08	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Client Sample ID: SACA1123TB001

Lab Sample ID: 440-94089-13

Date Collected: 11/23/14 00:01

Matrix: Water

Date Received: 11/23/14 16:41

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		2.00		ug/L			11/24/14 13:08	1
1,2-Dichloropropane	ND		2.00		ug/L			11/24/14 13:08	1
1,3,5-Trimethylbenzene	ND		2.00		ug/L			11/24/14 13:08	1
1,3-Dichlorobenzene	ND		2.00		ug/L			11/24/14 13:08	1
1,3-Dichloropropane	ND		2.00		ug/L			11/24/14 13:08	1
1,4-Dichlorobenzene	ND		2.00		ug/L			11/24/14 13:08	1
2,2-Dichloropropane	ND		2.00		ug/L			11/24/14 13:08	1
2-Chlorotoluene	ND		5.00		ug/L			11/24/14 13:08	1
4-Chlorotoluene	ND		5.00		ug/L			11/24/14 13:08	1
Benzene	ND		2.00		ug/L			11/24/14 13:08	1
Bromobenzene	ND		5.00		ug/L			11/24/14 13:08	1
Bromochloromethane	ND		5.00		ug/L			11/24/14 13:08	1
Bromodichloromethane	ND		2.00		ug/L			11/24/14 13:08	1
Bromoform	ND		5.00		ug/L			11/24/14 13:08	1
Bromomethane	ND		5.00		ug/L			11/24/14 13:08	1
Carbon tetrachloride	ND		5.00		ug/L			11/24/14 13:08	1
Chlorobenzene	ND		2.00		ug/L			11/24/14 13:08	1
Chloroethane	ND		5.00		ug/L			11/24/14 13:08	1
Chloroform	ND		2.00		ug/L			11/24/14 13:08	1
Chloromethane	ND		5.00		ug/L			11/24/14 13:08	1
cis-1,2-Dichloroethene	ND		2.00		ug/L			11/24/14 13:08	1
cis-1,3-Dichloropropene	ND		2.00		ug/L			11/24/14 13:08	1
Dibromochloromethane	ND		2.00		ug/L			11/24/14 13:08	1
Dibromomethane	ND		2.00		ug/L			11/24/14 13:08	1
Dichlorodifluoromethane	ND		5.00		ug/L			11/24/14 13:08	1
Ethylbenzene	ND		2.00		ug/L			11/24/14 13:08	1
Hexachlorobutadiene	ND		5.00		ug/L			11/24/14 13:08	1
Isopropylbenzene	ND		2.00		ug/L			11/24/14 13:08	1
m,p-Xylene	ND		2.00		ug/L			11/24/14 13:08	1
Methylene Chloride	ND		5.00		ug/L			11/24/14 13:08	1
Methyl-t-Butyl Ether (MTBE)	ND		1.00		ug/L			11/24/14 13:08	1
Naphthalene	ND		5.00		ug/L			11/24/14 13:08	1
n-Butylbenzene	ND		5.00		ug/L			11/24/14 13:08	1
N-Propylbenzene	ND		2.00		ug/L			11/24/14 13:08	1
o-Xylene	ND		2.00		ug/L			11/24/14 13:08	1
sec-Butylbenzene	ND		5.00		ug/L			11/24/14 13:08	1
Styrene	ND		2.00		ug/L			11/24/14 13:08	1
Tert-amyl-methyl ether (TAME)	ND		5.00		ug/L			11/24/14 13:08	1
tert-Butylbenzene	ND		5.00		ug/L			11/24/14 13:08	1
Tetrachloroethene	ND		2.00		ug/L			11/24/14 13:08	1
Toluene	ND		2.00		ug/L			11/24/14 13:08	1
trans-1,2-Dichloroethene	ND		2.00		ug/L			11/24/14 13:08	1
trans-1,3-Dichloropropene	ND		2.00		ug/L			11/24/14 13:08	1
Trichloroethene	ND		2.00		ug/L			11/24/14 13:08	1
Trichlorofluoromethane	ND		5.00		ug/L			11/24/14 13:08	1
Vinyl chloride	ND		5.00		ug/L			11/24/14 13:08	1
Xylenes, Total	ND		2.00		ug/L			11/24/14 13:08	1
Isopropyl Ether (DIPE)	ND		5.00		ug/L			11/24/14 13:08	1
Ethyl-t-butyl ether (ETBE)	ND		5.00		ug/L			11/24/14 13:08	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Client Sample ID: SACA1123TB001

Lab Sample ID: 440-94089-13

Date Collected: 11/23/14 00:01

Matrix: Water

Date Received: 11/23/14 16:41

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			11/24/14 13:08	1
p-Isopropyltoluene	ND		2.00		ug/L			11/24/14 13:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	111		80 - 128					11/24/14 13:08	1
4-Bromofluorobenzene (Surr)	100		80 - 120					11/24/14 13:08	1
Dibromofluoromethane (Surr)	98		76 - 132					11/24/14 13:08	1

Client Sample ID: SACA1123TB003

Lab Sample ID: 440-94089-14

Date Collected: 11/23/14 00:01

Matrix: Water

Date Received: 11/23/14 16:41

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.00		ug/L			11/24/14 13:37	1
1,1,1-Trichloroethane	ND		2.00		ug/L			11/24/14 13:37	1
1,1,1,2,2-Tetrachloroethane	ND		2.00		ug/L			11/24/14 13:37	1
1,1,1,2-Trichloroethane	ND		2.00		ug/L			11/24/14 13:37	1
1,1-Dichloroethane	ND		2.00		ug/L			11/24/14 13:37	1
1,1-Dichloroethene	ND		5.00		ug/L			11/24/14 13:37	1
1,1-Dichloropropene	ND		2.00		ug/L			11/24/14 13:37	1
1,2,3-Trichlorobenzene	ND		5.00		ug/L			11/24/14 13:37	1
1,2,3-Trichloropropane	ND		10.0		ug/L			11/24/14 13:37	1
1,2,4-Trichlorobenzene	ND		5.00		ug/L			11/24/14 13:37	1
1,2,4-Trimethylbenzene	ND		2.00		ug/L			11/24/14 13:37	1
1,2-Dibromo-3-Chloropropane	ND		5.00		ug/L			11/24/14 13:37	1
1,2-Dibromoethane (EDB)	ND		2.00		ug/L			11/24/14 13:37	1
1,2-Dichlorobenzene	ND		2.00		ug/L			11/24/14 13:37	1
1,2-Dichloroethane	ND		2.00		ug/L			11/24/14 13:37	1
1,2-Dichloropropane	ND		2.00		ug/L			11/24/14 13:37	1
1,3,5-Trimethylbenzene	ND		2.00		ug/L			11/24/14 13:37	1
1,3-Dichlorobenzene	ND		2.00		ug/L			11/24/14 13:37	1
1,3-Dichloropropane	ND		2.00		ug/L			11/24/14 13:37	1
1,4-Dichlorobenzene	ND		2.00		ug/L			11/24/14 13:37	1
2,2-Dichloropropane	ND		2.00		ug/L			11/24/14 13:37	1
2-Chlorotoluene	ND		5.00		ug/L			11/24/14 13:37	1
4-Chlorotoluene	ND		5.00		ug/L			11/24/14 13:37	1
Benzene	ND		2.00		ug/L			11/24/14 13:37	1
Bromobenzene	ND		5.00		ug/L			11/24/14 13:37	1
Bromochloromethane	ND		5.00		ug/L			11/24/14 13:37	1
Bromodichloromethane	ND		2.00		ug/L			11/24/14 13:37	1
Bromoform	ND		5.00		ug/L			11/24/14 13:37	1
Bromomethane	ND		5.00		ug/L			11/24/14 13:37	1
Carbon tetrachloride	ND		5.00		ug/L			11/24/14 13:37	1
Chlorobenzene	ND		2.00		ug/L			11/24/14 13:37	1
Chloroethane	ND		5.00		ug/L			11/24/14 13:37	1
Chloroform	ND		2.00		ug/L			11/24/14 13:37	1
Chloromethane	ND		5.00		ug/L			11/24/14 13:37	1
cis-1,2-Dichloroethene	ND		2.00		ug/L			11/24/14 13:37	1
cis-1,3-Dichloropropene	ND		2.00		ug/L			11/24/14 13:37	1

TestAmerica Irvine

Client Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Client Sample ID: SACA1123TB003

Lab Sample ID: 440-94089-14

Date Collected: 11/23/14 00:01

Matrix: Water

Date Received: 11/23/14 16:41

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	ND		2.00		ug/L			11/24/14 13:37	1
Dibromomethane	ND		2.00		ug/L			11/24/14 13:37	1
Dichlorodifluoromethane	ND		5.00		ug/L			11/24/14 13:37	1
Ethylbenzene	ND		2.00		ug/L			11/24/14 13:37	1
Hexachlorobutadiene	ND		5.00		ug/L			11/24/14 13:37	1
Isopropylbenzene	ND		2.00		ug/L			11/24/14 13:37	1
m,p-Xylene	ND		2.00		ug/L			11/24/14 13:37	1
Methylene Chloride	ND		5.00		ug/L			11/24/14 13:37	1
Methyl-t-Butyl Ether (MTBE)	ND		1.00		ug/L			11/24/14 13:37	1
Naphthalene	ND		5.00		ug/L			11/24/14 13:37	1
n-Butylbenzene	ND		5.00		ug/L			11/24/14 13:37	1
N-Propylbenzene	ND		2.00		ug/L			11/24/14 13:37	1
o-Xylene	ND		2.00		ug/L			11/24/14 13:37	1
sec-Butylbenzene	ND		5.00		ug/L			11/24/14 13:37	1
Styrene	ND		2.00		ug/L			11/24/14 13:37	1
Tert-amyl-methyl ether (TAME)	ND		5.00		ug/L			11/24/14 13:37	1
tert-Butylbenzene	ND		5.00		ug/L			11/24/14 13:37	1
Tetrachloroethene	ND		2.00		ug/L			11/24/14 13:37	1
Toluene	ND		2.00		ug/L			11/24/14 13:37	1
trans-1,2-Dichloroethene	ND		2.00		ug/L			11/24/14 13:37	1
trans-1,3-Dichloropropene	ND		2.00		ug/L			11/24/14 13:37	1
Trichloroethene	ND		2.00		ug/L			11/24/14 13:37	1
Trichlorofluoromethane	ND		5.00		ug/L			11/24/14 13:37	1
Vinyl chloride	ND		5.00		ug/L			11/24/14 13:37	1
Xylenes, Total	ND		2.00		ug/L			11/24/14 13:37	1
Isopropyl Ether (DIPE)	ND		5.00		ug/L			11/24/14 13:37	1
Ethyl-t-butyl ether (ETBE)	ND		5.00		ug/L			11/24/14 13:37	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			11/24/14 13:37	1
p-Isopropyltoluene	ND		2.00		ug/L			11/24/14 13:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	109		80 - 128					11/24/14 13:37	1
4-Bromofluorobenzene (Surr)	100		80 - 120					11/24/14 13:37	1
Dibromofluoromethane (Surr)	102		76 - 132					11/24/14 13:37	1

Method Summary

Client: Center for Toxicology & Env Health LLC
Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL IRV
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL IRV
8015B	Gasoline Range Organics - (GC)	SW846	TAL IRV
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL IRV
6010B	Metals (ICP)	SW846	TAL IRV
7471A	Mercury (CVAA)	SW846	TAL IRV
9040B	pH	SW846	TAL IRV
Moisture	Percent Moisture	EPA	TAL IRV

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022



Lab Chronicle

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Client Sample ID: SACA1123SL001

Lab Sample ID: 440-94089-1

Date Collected: 11/23/14 12:00

Matrix: Water

Date Received: 11/23/14 16:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	10 mL	10 mL	220502	11/24/14 14:35	TN	TAL IRV
Total/NA	Analysis	8015B		40	10 mL	10 mL	220538	11/24/14 14:21	IM	TAL IRV
Total/NA	Analysis	9040B		1		50 mL	220559	11/24/14 14:38	NT	TAL IRV

Client Sample ID: SACA1123SL002

Lab Sample ID: 440-94089-2

Date Collected: 11/23/14 13:00

Matrix: Water

Date Received: 11/23/14 16:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	220502	11/24/14 15:33	TN	TAL IRV
Total/NA	Analysis	8015B		5	10 mL	10 mL	220538	11/24/14 14:49	IM	TAL IRV
Total/NA	Analysis	9040B		1		50 mL	220559	11/24/14 14:38	NT	TAL IRV

Client Sample ID: SACA1123SD001

Lab Sample ID: 440-94089-3

Date Collected: 11/23/14 12:00

Matrix: Solid

Date Received: 11/23/14 16:41

Percent Solids: 14.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			5.00 g	10 mL	220568	11/24/14 10:39	HR	TAL IRV
Total/NA	Analysis	8260B		100	5.00 g	10 mL	220509	11/24/14 15:41	AL	TAL IRV
Total/NA	Prep	3546			3.31 g	1 mL	220469	11/23/14 19:10	AP	TAL IRV
Total/NA	Analysis	8270C		100	3.31 g	1 mL	220475	11/24/14 12:25	VS	TAL IRV
Total/NA	Prep	5030B			5.00 g	10 mL	220568	11/24/14 10:39	HR	TAL IRV
Total/NA	Analysis	8015B		100	5.00 g	10 mL	220541	11/24/14 13:51	PH	TAL IRV
Total/NA	Prep	3546			3.34 g	1 mL	220468	11/23/14 19:07	AP	TAL IRV
Total/NA	Analysis	8015B		100	3.34 g	1 mL	220497	11/24/14 13:26	EI	TAL IRV
Total/NA	Prep	3050B			2.04 g	50 mL	220534	11/24/14 09:16	DT	TAL IRV
Total/NA	Analysis	6010B		5	2.04 g	50 mL	220670	11/24/14 16:32	EN	TAL IRV
Total/NA	Prep	7471A			0.51 g	50 mL	220625	11/24/14 14:32	DB	TAL IRV
Total/NA	Analysis	7471A		1	0.51 g	50 mL	220680	11/24/14 17:18	DB	TAL IRV
Total/NA	Analysis	Moisture		1			225570	12/18/14 13:00	NTN	TAL IRV

Client Sample ID: SACA1123SD002

Lab Sample ID: 440-94089-4

Date Collected: 11/23/14 13:00

Matrix: Solid

Date Received: 11/23/14 16:41

Percent Solids: 14.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			10.00 g	10 mL	220568	11/24/14 10:39	HR	TAL IRV
Total/NA	Analysis	8260B		100	10.00 g	10 mL	220509	11/24/14 16:09	AL	TAL IRV
Total/NA	Prep	3546			3.49 g	1 mL	220469	11/23/14 19:10	AP	TAL IRV
Total/NA	Analysis	8270C		20	3.49 g	1 mL	220475	11/24/14 11:43	VS	TAL IRV
Total/NA	Prep	5030B			10.00 g	10 mL	220568	11/24/14 10:39	HR	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Client Sample ID: SACA1123SD002

Lab Sample ID: 440-94089-4

Date Collected: 11/23/14 13:00

Matrix: Solid

Date Received: 11/23/14 16:41

Percent Solids: 14.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015B		100	10.00 g	10 mL	220541	11/24/14 14:17	PH	TAL IRV
Total/NA	Prep	3546			3.30 g	1 mL	220468	11/23/14 19:07	AP	TAL IRV
Total/NA	Analysis	8015B		10	3.30 g	1 mL	220497	11/24/14 13:46	EI	TAL IRV
Total/NA	Prep	3050B			2.04 g	50 mL	220534	11/24/14 09:16	DT	TAL IRV
Total/NA	Analysis	6010B		5	2.04 g	50 mL	220670	11/24/14 16:34	EN	TAL IRV
Total/NA	Prep	7471A			0.51 g	50 mL	220625	11/24/14 14:32	DB	TAL IRV
Total/NA	Analysis	7471A		1	0.51 g	50 mL	220680	11/24/14 17:11	DB	TAL IRV
Total/NA	Analysis	Moisture		1			225570	12/18/14 13:00	NTN	TAL IRV

Client Sample ID: SACA1123TT001

Lab Sample ID: 440-94089-5

Date Collected: 11/23/14 11:20

Matrix: Water

Date Received: 11/23/14 16:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	220504	11/24/14 14:17	TN	TAL IRV
Total/NA	Analysis	8015B		1	10 mL	10 mL	220536	11/24/14 15:46	IM	TAL IRV
Total/NA	Analysis	9040B		1		50 mL	220559	11/24/14 14:38	NT	TAL IRV

Client Sample ID: SACA1123TT002

Lab Sample ID: 440-94089-6

Date Collected: 11/23/14 11:40

Matrix: Water

Date Received: 11/23/14 16:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	220504	11/24/14 14:47	TN	TAL IRV
Total/NA	Analysis	8015B		1	10 mL	10 mL	220536	11/24/14 14:18	IM	TAL IRV

Client Sample ID: SACA1123TT003

Lab Sample ID: 440-94089-7

Date Collected: 11/23/14 12:00

Matrix: Water

Date Received: 11/23/14 16:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	220504	11/24/14 15:17	TN	TAL IRV
Total/NA	Analysis	8015B		1	10 mL	10 mL	220536	11/24/14 14:47	IM	TAL IRV
Total/NA	Analysis	9040B		1		50 mL	220559	11/24/14 14:38	NT	TAL IRV

Client Sample ID: SACA1123TT004

Lab Sample ID: 440-94089-8

Date Collected: 11/23/14 12:10

Matrix: Water

Date Received: 11/23/14 16:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	220504	11/24/14 15:47	TN	TAL IRV
Total/NA	Analysis	8015B		2	10 mL	10 mL	220536	11/24/14 16:41	IM	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Client Sample ID: SACA1123TT004

Lab Sample ID: 440-94089-8

Date Collected: 11/23/14 12:10

Matrix: Water

Date Received: 11/23/14 16:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9040B		1		50 mL	220559	11/24/14 14:38	NT	TAL IRV

Client Sample ID: SACA1123TT005

Lab Sample ID: 440-94089-9

Date Collected: 11/23/14 12:20

Matrix: Water

Date Received: 11/23/14 16:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		20	10 mL	10 mL	220502	11/24/14 16:02	TN	TAL IRV
Total/NA	Analysis	8015B		40	10 mL	10 mL	220538	11/24/14 15:17	IM	TAL IRV
Total/NA	Analysis	9040B		1		50 mL	220559	11/24/14 14:38	NT	TAL IRV

Client Sample ID: SACA1123TT006

Lab Sample ID: 440-94089-10

Date Collected: 11/23/14 13:00

Matrix: Solid

Date Received: 11/23/14 16:41

Percent Solids: 49.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			1.14 g	20 mL	220568	11/24/14 13:49	HR	TAL IRV
Total/NA	Analysis	8260B		100	1.14 g	20 mL	220509	11/24/14 16:37	AL	TAL IRV
Total/NA	Prep	3546			3.38 g	1 mL	220469	11/23/14 19:10	AP	TAL IRV
Total/NA	Analysis	8270C		25	3.38 g	1 mL	220475	11/24/14 12:04	VS	TAL IRV
Total/NA	Prep	5030B			1.14 g	20 mL	220568	11/24/14 13:49	HR	TAL IRV
Total/NA	Analysis	8015B		100	1.14 g	20 mL	220541	11/24/14 14:42	PH	TAL IRV
Total/NA	Prep	3546			3.44 g	1 mL	220468	11/23/14 19:07	AP	TAL IRV
Total/NA	Analysis	8015B		10	3.44 g	1 mL	220497	11/24/14 13:06	EI	TAL IRV
Total/NA	Prep	3050B			1.99 g	50 mL	220534	11/24/14 09:16	DT	TAL IRV
Total/NA	Analysis	6010B		5	1.99 g	50 mL	220670	11/24/14 16:36	EN	TAL IRV
Total/NA	Prep	7471A			0.51 g	50 mL	220625	11/24/14 14:32	DB	TAL IRV
Total/NA	Analysis	7471A		1	0.51 g	50 mL	220680	11/24/14 17:21	DB	TAL IRV
Total/NA	Analysis	Moisture		1			225570	12/18/14 13:00	NTN	TAL IRV

Client Sample ID: SACA1123TB002

Lab Sample ID: 440-94089-12

Date Collected: 11/23/14 00:01

Matrix: Water

Date Received: 11/23/14 16:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	220502	11/24/14 12:39	TN	TAL IRV

Lab Chronicle

Client: Center for Toxicology & Env Health LLC
Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Client Sample ID: SACA1123TB001

Lab Sample ID: 440-94089-13

Date Collected: 11/23/14 00:01

Matrix: Water

Date Received: 11/23/14 16:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	220502	11/24/14 13:08	TN	TAL IRV

Client Sample ID: SACA1123TB003

Lab Sample ID: 440-94089-14

Date Collected: 11/23/14 00:01

Matrix: Water

Date Received: 11/23/14 16:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	220502	11/24/14 13:37	TN	TAL IRV

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 440-220502/4

Matrix: Water

Analysis Batch: 220502

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.00		ug/L			11/24/14 08:47	1
1,1,1-Trichloroethane	ND		2.00		ug/L			11/24/14 08:47	1
1,1,2,2-Tetrachloroethane	ND		2.00		ug/L			11/24/14 08:47	1
1,1,2-Trichloroethane	ND		2.00		ug/L			11/24/14 08:47	1
1,1-Dichloroethane	ND		2.00		ug/L			11/24/14 08:47	1
1,1-Dichloroethene	ND		5.00		ug/L			11/24/14 08:47	1
1,1-Dichloropropene	ND		2.00		ug/L			11/24/14 08:47	1
1,2,3-Trichlorobenzene	ND		5.00		ug/L			11/24/14 08:47	1
1,2,3-Trichloropropane	ND		10.0		ug/L			11/24/14 08:47	1
1,2,4-Trichlorobenzene	ND		5.00		ug/L			11/24/14 08:47	1
1,2,4-Trimethylbenzene	ND		2.00		ug/L			11/24/14 08:47	1
1,2-Dibromo-3-Chloropropane	ND		5.00		ug/L			11/24/14 08:47	1
1,2-Dibromoethane (EDB)	ND		2.00		ug/L			11/24/14 08:47	1
1,2-Dichlorobenzene	ND		2.00		ug/L			11/24/14 08:47	1
1,2-Dichloroethane	ND		2.00		ug/L			11/24/14 08:47	1
1,2-Dichloropropane	ND		2.00		ug/L			11/24/14 08:47	1
1,3,5-Trimethylbenzene	ND		2.00		ug/L			11/24/14 08:47	1
1,3-Dichlorobenzene	ND		2.00		ug/L			11/24/14 08:47	1
1,3-Dichloropropane	ND		2.00		ug/L			11/24/14 08:47	1
1,4-Dichlorobenzene	ND		2.00		ug/L			11/24/14 08:47	1
2,2-Dichloropropane	ND		2.00		ug/L			11/24/14 08:47	1
2-Chlorotoluene	ND		5.00		ug/L			11/24/14 08:47	1
4-Chlorotoluene	ND		5.00		ug/L			11/24/14 08:47	1
Benzene	ND		2.00		ug/L			11/24/14 08:47	1
Bromobenzene	ND		5.00		ug/L			11/24/14 08:47	1
Bromochloromethane	ND		5.00		ug/L			11/24/14 08:47	1
Bromodichloromethane	ND		2.00		ug/L			11/24/14 08:47	1
Bromoform	ND		5.00		ug/L			11/24/14 08:47	1
Bromomethane	ND		5.00		ug/L			11/24/14 08:47	1
Carbon tetrachloride	ND		5.00		ug/L			11/24/14 08:47	1
Chlorobenzene	ND		2.00		ug/L			11/24/14 08:47	1
Chloroethane	ND		5.00		ug/L			11/24/14 08:47	1
Chloroform	ND		2.00		ug/L			11/24/14 08:47	1
Chloromethane	ND		5.00		ug/L			11/24/14 08:47	1
cis-1,2-Dichloroethene	ND		2.00		ug/L			11/24/14 08:47	1
cis-1,3-Dichloropropene	ND		2.00		ug/L			11/24/14 08:47	1
Dibromochloromethane	ND		2.00		ug/L			11/24/14 08:47	1
Dibromomethane	ND		2.00		ug/L			11/24/14 08:47	1
Dichlorodifluoromethane	ND		5.00		ug/L			11/24/14 08:47	1
Ethylbenzene	ND		2.00		ug/L			11/24/14 08:47	1
Hexachlorobutadiene	ND		5.00		ug/L			11/24/14 08:47	1
Isopropylbenzene	ND		2.00		ug/L			11/24/14 08:47	1
m,p-Xylene	ND		2.00		ug/L			11/24/14 08:47	1
Methylene Chloride	ND		5.00		ug/L			11/24/14 08:47	1
Methyl-t-Butyl Ether (MTBE)	ND		1.00		ug/L			11/24/14 08:47	1
Naphthalene	ND		5.00		ug/L			11/24/14 08:47	1
n-Butylbenzene	ND		5.00		ug/L			11/24/14 08:47	1
N-Propylbenzene	ND		2.00		ug/L			11/24/14 08:47	1

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-220502/4

Matrix: Water

Analysis Batch: 220502

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		2.00		ug/L			11/24/14 08:47	1
sec-Butylbenzene	ND		5.00		ug/L			11/24/14 08:47	1
Styrene	ND		2.00		ug/L			11/24/14 08:47	1
Tert-amyl-methyl ether (TAME)	ND		5.00		ug/L			11/24/14 08:47	1
tert-Butylbenzene	ND		5.00		ug/L			11/24/14 08:47	1
Tetrachloroethene	ND		2.00		ug/L			11/24/14 08:47	1
Toluene	ND		2.00		ug/L			11/24/14 08:47	1
trans-1,2-Dichloroethene	ND		2.00		ug/L			11/24/14 08:47	1
trans-1,3-Dichloropropene	ND		2.00		ug/L			11/24/14 08:47	1
Trichloroethene	ND		2.00		ug/L			11/24/14 08:47	1
Trichlorofluoromethane	ND		5.00		ug/L			11/24/14 08:47	1
Vinyl chloride	ND		5.00		ug/L			11/24/14 08:47	1
Xylenes, Total	ND		2.00		ug/L			11/24/14 08:47	1
Isopropyl Ether (DIPE)	ND		5.00		ug/L			11/24/14 08:47	1
Ethyl-t-butyl ether (ETBE)	ND		5.00		ug/L			11/24/14 08:47	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			11/24/14 08:47	1
p-Isopropyltoluene	ND		2.00		ug/L			11/24/14 08:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	108		80 - 128		11/24/14 08:47	1
4-Bromofluorobenzene (Surr)	102		80 - 120		11/24/14 08:47	1
Dibromofluoromethane (Surr)	100		76 - 132		11/24/14 08:47	1

Lab Sample ID: LCS 440-220502/5

Matrix: Water

Analysis Batch: 220502

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	25.0	29.32		ug/L		117	60 - 141
1,1,1-Trichloroethane	25.0	30.32		ug/L		121	70 - 130
1,1,2,2-Tetrachloroethane	25.0	25.58		ug/L		102	63 - 130
1,1,2-Trichloroethane	25.0	24.94		ug/L		100	70 - 130
1,1-Dichloroethane	25.0	28.12		ug/L		112	64 - 130
1,1-Dichloroethene	25.0	26.79		ug/L		107	70 - 130
1,1-Dichloropropene	25.0	32.54		ug/L		130	70 - 130
1,2,3-Trichlorobenzene	25.0	24.93		ug/L		100	60 - 140
1,2,3-Trichloropropane	25.0	26.14		ug/L		105	63 - 130
1,2,4-Trichlorobenzene	25.0	26.78		ug/L		107	60 - 140
1,2,4-Trimethylbenzene	25.0	29.99		ug/L		120	70 - 135
1,2-Dibromo-3-Chloropropane	25.0	24.67		ug/L		99	52 - 140
1,2-Dibromoethane (EDB)	25.0	25.68		ug/L		103	70 - 130
1,2-Dichlorobenzene	25.0	25.85		ug/L		103	70 - 130
1,2-Dichloroethane	25.0	27.03		ug/L		108	57 - 138
1,2-Dichloropropane	25.0	26.15		ug/L		105	67 - 130
1,3,5-Trimethylbenzene	25.0	30.25		ug/L		121	70 - 136
1,3-Dichlorobenzene	25.0	25.90		ug/L		104	70 - 130
1,3-Dichloropropane	25.0	24.24		ug/L		97	70 - 130
1,4-Dichlorobenzene	25.0	25.84		ug/L		103	70 - 130

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-220502/5

Matrix: Water

Analysis Batch: 220502

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,2-Dichloropropane	25.0	31.07		ug/L		124	68 - 141
2-Chlorotoluene	25.0	27.75		ug/L		111	70 - 130
4-Chlorotoluene	25.0	28.26		ug/L		113	70 - 130
Benzene	25.0	26.18		ug/L		105	68 - 130
Bromobenzene	25.0	27.44		ug/L		110	70 - 130
Bromochloromethane	25.0	26.92		ug/L		108	70 - 130
Bromodichloromethane	25.0	29.30		ug/L		117	70 - 132
Bromoform	25.0	27.46		ug/L		110	60 - 148
Bromomethane	25.0	26.61		ug/L		106	64 - 139
Carbon tetrachloride	25.0	32.43		ug/L		130	60 - 150
Chlorobenzene	25.0	25.06		ug/L		100	70 - 130
Chloroethane	25.0	27.08		ug/L		108	64 - 135
Chloroform	25.0	27.18		ug/L		109	70 - 130
Chloromethane	25.0	23.11		ug/L		92	47 - 140
cis-1,2-Dichloroethene	25.0	27.59		ug/L		110	70 - 133
cis-1,3-Dichloropropene	25.0	29.82		ug/L		119	70 - 133
Dibromochloromethane	25.0	27.09		ug/L		108	69 - 145
Dibromomethane	25.0	26.40		ug/L		106	70 - 130
Dichlorodifluoromethane	25.0	23.40		ug/L		94	29 - 150
Ethylbenzene	25.0	27.20		ug/L		109	70 - 130
Hexachlorobutadiene	25.0	27.97		ug/L		112	10 - 150
Isopropylbenzene	25.0	29.09		ug/L		116	70 - 136
m,p-Xylene	25.0	28.21		ug/L		113	70 - 130
Methylene Chloride	25.0	26.09		ug/L		104	52 - 130
Methyl-t-Butyl Ether (MTBE)	25.0	27.08		ug/L		108	63 - 131
Naphthalene	25.0	25.91		ug/L		104	60 - 140
n-Butylbenzene	25.0	30.44		ug/L		122	65 - 150
N-Propylbenzene	25.0	29.82		ug/L		119	67 - 139
o-Xylene	25.0	29.13		ug/L		117	70 - 130
sec-Butylbenzene	25.0	30.34		ug/L		121	70 - 138
Styrene	25.0	25.88		ug/L		104	70 - 134
Tert-amyl-methyl ether (TAME)	25.0	26.72		ug/L		107	57 - 139
tert-Butylbenzene	25.0	30.10		ug/L		120	70 - 130
Tetrachloroethene	25.0	26.51		ug/L		106	70 - 130
Toluene	25.0	26.47		ug/L		106	70 - 130
trans-1,2-Dichloroethene	25.0	28.95		ug/L		116	70 - 130
trans-1,3-Dichloropropene	25.0	30.12		ug/L		120	70 - 132
Trichloroethene	25.0	28.21		ug/L		113	70 - 130
Trichlorofluoromethane	25.0	29.75		ug/L		119	60 - 150
Vinyl chloride	25.0	25.56		ug/L		102	59 - 133
Isopropyl Ether (DIPE)	25.0	25.40		ug/L		102	58 - 139
Ethyl-t-butyl ether (ETBE)	25.0	26.21		ug/L		105	60 - 136
tert-Butyl alcohol (TBA)	250	270.0		ug/L		108	70 - 130
p-Isopropyltoluene	25.0	29.77		ug/L		119	70 - 132

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Toluene-d8 (Surr)	102		80 - 128
4-Bromofluorobenzene (Surr)	101		80 - 120

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-220502/5

Matrix: Water

Analysis Batch: 220502

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane (Surr)	103		76 - 132

Lab Sample ID: 440-94027-B-3 MS

Matrix: Water

Analysis Batch: 220502

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec. Limits
				Result	Qualifier				
1,1,1,2-Tetrachloroethane	ND		25.0	31.92		ug/L		128	60 - 149
1,1,1-Trichloroethane	ND		25.0	33.24	F1	ug/L		133	70 - 130
1,1,2,2-Tetrachloroethane	ND		25.0	28.21		ug/L		113	63 - 130
1,1,2-Trichloroethane	ND		25.0	28.11		ug/L		112	70 - 130
1,1-Dichloroethane	ND		25.0	30.52		ug/L		122	65 - 130
1,1-Dichloroethene	ND		25.0	30.02		ug/L		120	70 - 130
1,1-Dichloropropene	ND		25.0	36.05	F1	ug/L		144	64 - 130
1,2,3-Trichlorobenzene	ND		25.0	27.17		ug/L		109	60 - 140
1,2,3-Trichloropropane	ND		25.0	28.98		ug/L		116	60 - 130
1,2,4-Trichlorobenzene	ND		25.0	28.47		ug/L		114	60 - 140
1,2,4-Trimethylbenzene	ND		25.0	32.21		ug/L		129	70 - 130
1,2-Dibromo-3-Chloropropane	ND		25.0	26.04		ug/L		104	48 - 140
1,2-Dibromoethane (EDB)	ND		25.0	29.46		ug/L		118	70 - 131
1,2-Dichlorobenzene	ND		25.0	28.37		ug/L		113	70 - 130
1,2-Dichloroethane	ND		25.0	28.96		ug/L		116	56 - 146
1,2-Dichloropropane	ND		25.0	28.37		ug/L		113	69 - 130
1,3,5-Trimethylbenzene	ND		25.0	33.13	F1	ug/L		133	70 - 130
1,3-Dichlorobenzene	ND		25.0	28.11		ug/L		112	70 - 130
1,3-Dichloropropane	ND		25.0	27.97		ug/L		112	70 - 130
1,4-Dichlorobenzene	ND		25.0	27.82		ug/L		111	70 - 130
2,2-Dichloropropane	ND		25.0	34.70	F1	ug/L		139	69 - 138
2-Chlorotoluene	ND		25.0	30.26		ug/L		121	70 - 130
4-Chlorotoluene	ND		25.0	30.74		ug/L		123	70 - 130
Benzene	ND		25.0	28.61		ug/L		114	66 - 130
Bromobenzene	ND		25.0	29.50		ug/L		118	70 - 130
Bromochloromethane	ND		25.0	29.21		ug/L		117	70 - 130
Bromodichloromethane	ND		25.0	31.63		ug/L		127	70 - 138
Bromoform	ND		25.0	30.96		ug/L		124	59 - 150
Bromomethane	ND		25.0	28.19		ug/L		113	62 - 131
Carbon tetrachloride	ND		25.0	36.01		ug/L		144	60 - 150
Chlorobenzene	ND		25.0	28.33		ug/L		113	70 - 130
Chloroethane	ND		25.0	19.46		ug/L		78	68 - 130
Chloroform	ND		25.0	29.29		ug/L		117	70 - 130
Chloromethane	ND		25.0	26.58		ug/L		106	39 - 144
cis-1,2-Dichloroethene	ND		25.0	29.87		ug/L		119	70 - 130
cis-1,3-Dichloropropene	ND		25.0	33.39	F1	ug/L		134	70 - 133
Dibromochloromethane	ND		25.0	31.11		ug/L		124	70 - 148
Dibromomethane	ND		25.0	28.85		ug/L		115	70 - 130
Dichlorodifluoromethane	ND		25.0	26.60		ug/L		106	25 - 142
Ethylbenzene	ND		25.0	30.93		ug/L		124	70 - 130
Hexachlorobutadiene	ND		25.0	29.57		ug/L		118	10 - 150

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-94027-B-3 MS

Matrix: Water

Analysis Batch: 220502

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Isopropylbenzene	ND		25.0	33.57	F1	ug/L		134	70 - 132
m,p-Xylene	ND		25.0	32.17		ug/L		129	70 - 133
Methylene Chloride	ND		25.0	27.47		ug/L		110	52 - 130
Methyl-t-Butyl Ether (MTBE)	ND		25.0	30.26		ug/L		121	70 - 130
Naphthalene	ND		25.0	28.15		ug/L		113	60 - 140
n-Butylbenzene	ND		25.0	33.44		ug/L		134	61 - 149
N-Propylbenzene	ND		25.0	33.10		ug/L		132	66 - 135
o-Xylene	ND		25.0	32.86		ug/L		131	70 - 133
sec-Butylbenzene	ND		25.0	33.28		ug/L		133	67 - 134
Styrene	ND		25.0	27.17		ug/L		109	29 - 150
Tert-amyl-methyl ether (TAME)	ND		25.0	29.13		ug/L		117	68 - 133
tert-Butylbenzene	ND		25.0	33.48	F1	ug/L		134	70 - 130
Tetrachloroethene	ND		25.0	31.39		ug/L		126	70 - 137
Toluene	ND		25.0	29.98		ug/L		120	70 - 130
trans-1,2-Dichloroethene	ND		25.0	31.74		ug/L		127	70 - 130
trans-1,3-Dichloropropene	ND		25.0	34.16		ug/L		137	70 - 138
Trichloroethene	ND		25.0	31.12		ug/L		124	70 - 130
Trichlorofluoromethane	ND		25.0	32.99		ug/L		132	60 - 150
Vinyl chloride	ND		25.0	30.75		ug/L		123	50 - 137
Isopropyl Ether (DIPE)	ND		25.0	27.54		ug/L		110	64 - 138
Ethyl-t-butyl ether (ETBE)	ND		25.0	28.33		ug/L		113	70 - 130
tert-Butyl alcohol (TBA)	ND		250	291.4		ug/L		117	70 - 130
p-Isopropyltoluene	ND		25.0	32.43		ug/L		130	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
Toluene-d8 (Surr)	106		80 - 128
4-Bromofluorobenzene (Surr)	101		80 - 120
Dibromofluoromethane (Surr)	103		76 - 132

Lab Sample ID: 440-94027-B-3 MSD

Matrix: Water

Analysis Batch: 220502

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
1,1,1,2-Tetrachloroethane	ND		25.0	30.74		ug/L		123	60 - 149	4	20
1,1,1-Trichloroethane	ND		25.0	30.46		ug/L		122	70 - 130	9	20
1,1,1,2-Tetrachloroethane	ND		25.0	25.80		ug/L		103	63 - 130	9	30
1,1,2-Trichloroethane	ND		25.0	26.28		ug/L		105	70 - 130	7	25
1,1-Dichloroethane	ND		25.0	28.64		ug/L		115	65 - 130	6	20
1,1-Dichloroethene	ND		25.0	26.65		ug/L		107	70 - 130	12	20
1,1-Dichloropropene	ND		25.0	33.50	F1	ug/L		134	64 - 130	7	20
1,2,3-Trichlorobenzene	ND		25.0	26.27		ug/L		105	60 - 140	3	20
1,2,3-Trichloropropane	ND		25.0	26.11		ug/L		104	60 - 130	10	30
1,2,4-Trichlorobenzene	ND		25.0	28.08		ug/L		112	60 - 140	1	20
1,2,4-Trimethylbenzene	ND		25.0	29.75		ug/L		119	70 - 130	8	25
1,2-Dibromo-3-Chloropropane	ND		25.0	23.39		ug/L		94	48 - 140	11	30
1,2-Dibromoethane (EDB)	ND		25.0	27.70		ug/L		111	70 - 131	6	25
1,2-Dichlorobenzene	ND		25.0	27.12		ug/L		108	70 - 130	4	20

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-94027-B-3 MSD

Matrix: Water

Analysis Batch: 220502

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
1,2-Dichloroethane	ND		25.0	26.51		ug/L		106	56 - 146	9	20
1,2-Dichloropropane	ND		25.0	26.85		ug/L		107	69 - 130	5	20
1,3,5-Trimethylbenzene	ND		25.0	31.05		ug/L		124	70 - 130	6	20
1,3-Dichlorobenzene	ND		25.0	27.03		ug/L		108	70 - 130	4	20
1,3-Dichloropropane	ND		25.0	26.24		ug/L		105	70 - 130	6	25
1,4-Dichlorobenzene	ND		25.0	26.60		ug/L		106	70 - 130	4	20
2,2-Dichloropropane	ND		25.0	31.24		ug/L		125	69 - 138	10	25
2-Chlorotoluene	ND		25.0	28.63		ug/L		115	70 - 130	6	20
4-Chlorotoluene	ND		25.0	29.11		ug/L		116	70 - 130	5	20
Benzene	ND		25.0	26.79		ug/L		107	66 - 130	7	20
Bromobenzene	ND		25.0	28.38		ug/L		114	70 - 130	4	20
Bromochloromethane	ND		25.0	27.86		ug/L		111	70 - 130	5	25
Bromodichloromethane	ND		25.0	29.80		ug/L		119	70 - 138	6	20
Bromoform	ND		25.0	28.70		ug/L		115	59 - 150	8	25
Bromomethane	ND		25.0	26.92		ug/L		108	62 - 131	5	25
Carbon tetrachloride	ND		25.0	32.61		ug/L		130	60 - 150	10	25
Chlorobenzene	ND		25.0	27.14		ug/L		109	70 - 130	4	20
Chloroethane	ND		25.0	17.31		ug/L		69	68 - 130	12	25
Chloroform	ND		25.0	27.53		ug/L		110	70 - 130	6	20
Chloromethane	ND		25.0	24.34		ug/L		97	39 - 144	9	25
cis-1,2-Dichloroethene	ND		25.0	28.56		ug/L		114	70 - 130	4	20
cis-1,3-Dichloropropene	ND		25.0	31.73		ug/L		127	70 - 133	5	20
Dibromochloromethane	ND		25.0	28.96		ug/L		116	70 - 148	7	25
Dibromomethane	ND		25.0	26.77		ug/L		107	70 - 130	7	25
Dichlorodifluoromethane	ND		25.0	22.62		ug/L		90	25 - 142	16	30
Ethylbenzene	ND		25.0	29.08		ug/L		116	70 - 130	6	20
Hexachlorobutadiene	ND		25.0	27.70		ug/L		111	10 - 150	7	20
Isopropylbenzene	ND		25.0	31.56		ug/L		126	70 - 132	6	20
m,p-Xylene	ND		25.0	30.29		ug/L		121	70 - 133	6	25
Methylene Chloride	ND		25.0	25.87		ug/L		103	52 - 130	6	20
Methyl-t-Butyl Ether (MTBE)	ND		25.0	28.66		ug/L		115	70 - 130	5	25
Naphthalene	ND		25.0	27.28		ug/L		109	60 - 140	3	30
n-Butylbenzene	ND		25.0	31.41		ug/L		126	61 - 149	6	20
N-Propylbenzene	ND		25.0	31.07		ug/L		124	66 - 135	6	20
o-Xylene	ND		25.0	31.22		ug/L		125	70 - 133	5	20
sec-Butylbenzene	ND		25.0	31.14		ug/L		125	67 - 134	7	20
Styrene	ND		25.0	25.84		ug/L		103	29 - 150	5	35
Tert-amyl-methyl ether (TAME)	ND		25.0	28.41		ug/L		114	68 - 133	3	30
tert-Butylbenzene	ND		25.0	31.24		ug/L		125	70 - 130	7	20
Tetrachloroethene	ND		25.0	28.49		ug/L		114	70 - 137	10	20
Toluene	ND		25.0	28.60		ug/L		114	70 - 130	5	20
trans-1,2-Dichloroethene	ND		25.0	29.68		ug/L		119	70 - 130	7	20
trans-1,3-Dichloropropene	ND		25.0	32.19		ug/L		129	70 - 138	6	25
Trichloroethene	ND		25.0	29.40		ug/L		118	70 - 130	6	20
Trichlorofluoromethane	ND		25.0	28.67		ug/L		115	60 - 150	14	25
Vinyl chloride	ND		25.0	27.93		ug/L		112	50 - 137	10	30
Isopropyl Ether (DIPE)	ND		25.0	26.25		ug/L		105	64 - 138	5	25
Ethyl-t-butyl ether (ETBE)	ND		25.0	27.28		ug/L		109	70 - 130	4	25

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-94027-B-3 MSD

Matrix: Water

Analysis Batch: 220502

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
tert-Butyl alcohol (TBA)	ND		250	278.7		ug/L		111	70 - 130	4	25
p-Isopropyltoluene	ND		25.0	30.46		ug/L		122	70 - 130	6	20
Surrogate	%Recovery	MSD Qualifier	MSD Limits								
Toluene-d8 (Surr)	106		80 - 128								
4-Bromofluorobenzene (Surr)	102		80 - 120								
Dibromofluoromethane (Surr)	102		76 - 132								

Lab Sample ID: MB 440-220504/4

Matrix: Water

Analysis Batch: 220504

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.00		ug/L			11/24/14 08:48	1
1,1,1-Trichloroethane	ND		2.00		ug/L			11/24/14 08:48	1
1,1,2,2-Tetrachloroethane	ND		2.00		ug/L			11/24/14 08:48	1
1,1,2-Trichloroethane	ND		2.00		ug/L			11/24/14 08:48	1
1,1-Dichloroethane	ND		2.00		ug/L			11/24/14 08:48	1
1,1-Dichloroethene	ND		5.00		ug/L			11/24/14 08:48	1
1,1-Dichloropropene	ND		2.00		ug/L			11/24/14 08:48	1
1,2,3-Trichlorobenzene	ND		5.00		ug/L			11/24/14 08:48	1
1,2,3-Trichloropropane	ND		10.0		ug/L			11/24/14 08:48	1
1,2,4-Trichlorobenzene	ND		5.00		ug/L			11/24/14 08:48	1
1,2,4-Trimethylbenzene	ND		2.00		ug/L			11/24/14 08:48	1
1,2-Dibromo-3-Chloropropane	ND		5.00		ug/L			11/24/14 08:48	1
1,2-Dibromoethane (EDB)	ND		2.00		ug/L			11/24/14 08:48	1
1,2-Dichlorobenzene	ND		2.00		ug/L			11/24/14 08:48	1
1,2-Dichloroethane	ND		2.00		ug/L			11/24/14 08:48	1
1,2-Dichloropropane	ND		2.00		ug/L			11/24/14 08:48	1
1,3,5-Trimethylbenzene	ND		2.00		ug/L			11/24/14 08:48	1
1,3-Dichlorobenzene	ND		2.00		ug/L			11/24/14 08:48	1
1,3-Dichloropropane	ND		2.00		ug/L			11/24/14 08:48	1
1,4-Dichlorobenzene	ND		2.00		ug/L			11/24/14 08:48	1
2,2-Dichloropropane	ND		2.00		ug/L			11/24/14 08:48	1
2-Chlorotoluene	ND		5.00		ug/L			11/24/14 08:48	1
4-Chlorotoluene	ND		5.00		ug/L			11/24/14 08:48	1
Benzene	ND		2.00		ug/L			11/24/14 08:48	1
Bromobenzene	ND		5.00		ug/L			11/24/14 08:48	1
Bromochloromethane	ND		5.00		ug/L			11/24/14 08:48	1
Bromodichloromethane	ND		2.00		ug/L			11/24/14 08:48	1
Bromoform	ND		5.00		ug/L			11/24/14 08:48	1
Bromomethane	ND		5.00		ug/L			11/24/14 08:48	1
Carbon tetrachloride	ND		5.00		ug/L			11/24/14 08:48	1
Chlorobenzene	ND		2.00		ug/L			11/24/14 08:48	1
Chloroethane	ND		5.00		ug/L			11/24/14 08:48	1
Chloroform	ND		2.00		ug/L			11/24/14 08:48	1
Chloromethane	ND		5.00		ug/L			11/24/14 08:48	1
cis-1,2-Dichloroethene	ND		2.00		ug/L			11/24/14 08:48	1

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-220504/4

Matrix: Water

Analysis Batch: 220504

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		2.00		ug/L			11/24/14 08:48	1
Dibromochloromethane	ND		2.00		ug/L			11/24/14 08:48	1
Dibromomethane	ND		2.00		ug/L			11/24/14 08:48	1
Dichlorodifluoromethane	ND		5.00		ug/L			11/24/14 08:48	1
Ethylbenzene	ND		2.00		ug/L			11/24/14 08:48	1
Hexachlorobutadiene	ND		5.00		ug/L			11/24/14 08:48	1
Isopropylbenzene	ND		2.00		ug/L			11/24/14 08:48	1
m,p-Xylene	ND		2.00		ug/L			11/24/14 08:48	1
Methylene Chloride	ND		5.00		ug/L			11/24/14 08:48	1
Methyl-t-Butyl Ether (MTBE)	ND		1.00		ug/L			11/24/14 08:48	1
Naphthalene	ND		5.00		ug/L			11/24/14 08:48	1
n-Butylbenzene	ND		5.00		ug/L			11/24/14 08:48	1
N-Propylbenzene	ND		2.00		ug/L			11/24/14 08:48	1
o-Xylene	ND		2.00		ug/L			11/24/14 08:48	1
sec-Butylbenzene	ND		5.00		ug/L			11/24/14 08:48	1
Styrene	ND		2.00		ug/L			11/24/14 08:48	1
Tert-amyl-methyl ether (TAME)	ND		5.00		ug/L			11/24/14 08:48	1
tert-Butylbenzene	ND		5.00		ug/L			11/24/14 08:48	1
Tetrachloroethene	ND		2.00		ug/L			11/24/14 08:48	1
Toluene	ND		2.00		ug/L			11/24/14 08:48	1
trans-1,2-Dichloroethene	ND		2.00		ug/L			11/24/14 08:48	1
trans-1,3-Dichloropropene	ND		2.00		ug/L			11/24/14 08:48	1
Trichloroethene	ND		2.00		ug/L			11/24/14 08:48	1
Trichlorofluoromethane	ND		5.00		ug/L			11/24/14 08:48	1
Vinyl chloride	ND		5.00		ug/L			11/24/14 08:48	1
Xylenes, Total	ND		2.00		ug/L			11/24/14 08:48	1
Isopropyl Ether (DIPE)	ND		5.00		ug/L			11/24/14 08:48	1
Ethyl-t-butyl ether (ETBE)	ND		5.00		ug/L			11/24/14 08:48	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			11/24/14 08:48	1
p-Isopropyltoluene	ND		2.00		ug/L			11/24/14 08:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	101		80 - 128		11/24/14 08:48	1
4-Bromofluorobenzene (Surr)	92		80 - 120		11/24/14 08:48	1
Dibromofluoromethane (Surr)	99		76 - 132		11/24/14 08:48	1

Lab Sample ID: LCS 440-220504/24

Matrix: Water

Analysis Batch: 220504

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	25.0	25.58		ug/L		102	60 - 141
1,1,1-Trichloroethane	25.0	24.66		ug/L		99	70 - 130
1,1,2,2-Tetrachloroethane	25.0	24.98		ug/L		100	63 - 130
1,1,2-Trichloroethane	25.0	25.63		ug/L		103	70 - 130
1,1-Dichloroethane	25.0	24.46		ug/L		98	64 - 130
1,1-Dichloroethene	25.0	23.90		ug/L		96	70 - 130
1,1-Dichloropropene	25.0	26.93		ug/L		108	70 - 130

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-220504/24

Matrix: Water

Analysis Batch: 220504

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,3-Trichlorobenzene	25.0	28.15		ug/L		113	60 - 140
1,2,3-Trichloropropane	25.0	25.23		ug/L		101	63 - 130
1,2,4-Trichlorobenzene	25.0	28.31		ug/L		113	60 - 140
1,2,4-Trimethylbenzene	25.0	22.17		ug/L		89	70 - 135
1,2-Dibromo-3-Chloropropane	25.0	25.06		ug/L		100	52 - 140
1,2-Dibromoethane (EDB)	25.0	25.93		ug/L		104	70 - 130
1,2-Dichlorobenzene	25.0	24.72		ug/L		99	70 - 130
1,2-Dichloroethane	25.0	24.79		ug/L		99	57 - 138
1,2-Dichloropropane	25.0	23.99		ug/L		96	67 - 130
1,3,5-Trimethylbenzene	25.0	22.40		ug/L		90	70 - 136
1,3-Dichlorobenzene	25.0	24.31		ug/L		97	70 - 130
1,3-Dichloropropane	25.0	25.01		ug/L		100	70 - 130
1,4-Dichlorobenzene	25.0	24.00		ug/L		96	70 - 130
2,2-Dichloropropane	25.0	24.00		ug/L		96	68 - 141
2-Chlorotoluene	25.0	23.11		ug/L		92	70 - 130
4-Chlorotoluene	25.0	23.56		ug/L		94	70 - 130
Benzene	25.0	23.60		ug/L		94	68 - 130
Bromobenzene	25.0	25.73		ug/L		103	70 - 130
Bromochloromethane	25.0	23.44		ug/L		94	70 - 130
Bromodichloromethane	25.0	24.89		ug/L		100	70 - 132
Bromoform	25.0	31.32		ug/L		125	60 - 148
Bromomethane	25.0	25.22		ug/L		101	64 - 139
Carbon tetrachloride	25.0	25.41		ug/L		102	60 - 150
Chlorobenzene	25.0	24.11		ug/L		96	70 - 130
Chloroethane	25.0	24.38		ug/L		98	64 - 135
Chloroform	25.0	24.37		ug/L		97	70 - 130
Chloromethane	25.0	24.22		ug/L		97	47 - 140
cis-1,2-Dichloroethene	25.0	24.52		ug/L		98	70 - 133
cis-1,3-Dichloropropene	25.0	25.27		ug/L		101	70 - 133
Dibromochloromethane	25.0	26.43		ug/L		106	69 - 145
Dibromomethane	25.0	24.38		ug/L		98	70 - 130
Dichlorodifluoromethane	25.0	21.47		ug/L		86	29 - 150
Ethylbenzene	25.0	23.45		ug/L		94	70 - 130
Hexachlorobutadiene	25.0	32.88		ug/L		132	10 - 150
Isopropylbenzene	25.0	23.79		ug/L		95	70 - 136
m,p-Xylene	25.0	24.19		ug/L		97	70 - 130
Methylene Chloride	25.0	23.32		ug/L		93	52 - 130
Methyl-t-Butyl Ether (MTBE)	25.0	24.43		ug/L		98	63 - 131
Naphthalene	25.0	23.16		ug/L		93	60 - 140
n-Butylbenzene	25.0	23.42		ug/L		94	65 - 150
N-Propylbenzene	25.0	22.86		ug/L		91	67 - 139
o-Xylene	25.0	24.55		ug/L		98	70 - 130
sec-Butylbenzene	25.0	22.80		ug/L		91	70 - 138
Styrene	25.0	23.56		ug/L		94	70 - 134
Tert-amyl-methyl ether (TAME)	25.0	19.84		ug/L		79	57 - 139
tert-Butylbenzene	25.0	23.32		ug/L		93	70 - 130
Tetrachloroethene	25.0	31.65		ug/L		127	70 - 130
Toluene	25.0	23.22		ug/L		93	70 - 130

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-220504/24

Matrix: Water

Analysis Batch: 220504

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,2-Dichloroethene	25.0	24.16		ug/L		97	70 - 130
trans-1,3-Dichloropropene	25.0	28.21		ug/L		113	70 - 132
Trichloroethene	25.0	25.15		ug/L		101	70 - 130
Trichlorofluoromethane	25.0	24.43		ug/L		98	60 - 150
Vinyl chloride	25.0	25.60		ug/L		102	59 - 133
Isopropyl Ether (DIPE)	25.0	21.54		ug/L		86	58 - 139
Ethyl-t-butyl ether (ETBE)	25.0	19.49		ug/L		78	60 - 136
tert-Butyl alcohol (TBA)	250	266.7		ug/L		107	70 - 130
p-Isopropyltoluene	25.0	22.47		ug/L		90	70 - 132

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	100		80 - 128
4-Bromofluorobenzene (Surr)	93		80 - 120
Dibromofluoromethane (Surr)	97		76 - 132

Lab Sample ID: 440-93801-B-9 MS

Matrix: Water

Analysis Batch: 220504

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	ND		25.0	26.91		ug/L		108	60 - 149
1,1,1-Trichloroethane	ND		25.0	26.88		ug/L		108	70 - 130
1,1,1,2-Tetrachloroethane	ND		25.0	23.41		ug/L		94	63 - 130
1,1,2-Trichloroethane	ND		25.0	25.86		ug/L		103	70 - 130
1,1-Dichloroethane	ND		25.0	25.30		ug/L		101	65 - 130
1,1-Dichloroethene	ND		25.0	25.38		ug/L		102	70 - 130
1,1-Dichloropropene	ND		25.0	28.45		ug/L		114	64 - 130
1,2,3-Trichlorobenzene	ND		25.0	27.93		ug/L		112	60 - 140
1,2,3-Trichloropropane	ND		25.0	23.59		ug/L		94	60 - 130
1,2,4-Trichlorobenzene	ND		25.0	28.12		ug/L		112	60 - 140
1,2,4-Trimethylbenzene	ND		25.0	22.32		ug/L		89	70 - 130
1,2-Dibromo-3-Chloropropane	ND		25.0	24.16		ug/L		97	48 - 140
1,2-Dibromoethane (EDB)	ND		25.0	25.75		ug/L		103	70 - 131
1,2-Dichlorobenzene	ND		25.0	24.63		ug/L		99	70 - 130
1,2-Dichloroethane	ND		25.0	26.51		ug/L		106	56 - 146
1,2-Dichloropropane	ND		25.0	25.05		ug/L		100	69 - 130
1,3,5-Trimethylbenzene	ND		25.0	22.92		ug/L		92	70 - 130
1,3-Dichlorobenzene	ND		25.0	25.20		ug/L		101	70 - 130
1,3-Dichloropropane	ND		25.0	24.76		ug/L		99	70 - 130
1,4-Dichlorobenzene	ND		25.0	24.66		ug/L		99	70 - 130
2,2-Dichloropropane	ND		25.0	27.57		ug/L		110	69 - 138
2-Chlorotoluene	ND		25.0	23.62		ug/L		94	70 - 130
4-Chlorotoluene	ND		25.0	24.01		ug/L		96	70 - 130
Benzene	ND		25.0	24.40		ug/L		98	66 - 130
Bromobenzene	ND		25.0	26.01		ug/L		104	70 - 130
Bromochloromethane	ND		25.0	25.41		ug/L		102	70 - 130
Bromodichloromethane	ND		25.0	26.39		ug/L		106	70 - 138
Bromoform	ND		25.0	31.23		ug/L		125	59 - 150

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-93801-B-9 MS

Client Sample ID: Matrix Spike

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 220504

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Bromomethane	ND		25.0	27.35		ug/L		109	62 - 131
Carbon tetrachloride	ND		25.0	28.29		ug/L		113	60 - 150
Chlorobenzene	ND		25.0	24.70		ug/L		99	70 - 130
Chloroethane	ND		25.0	27.61		ug/L		110	68 - 130
Chloroform	ND		25.0	26.01		ug/L		104	70 - 130
Chloromethane	ND		25.0	25.82		ug/L		103	39 - 144
cis-1,2-Dichloroethene	ND		25.0	25.75		ug/L		101	70 - 130
cis-1,3-Dichloropropene	ND		25.0	25.36		ug/L		101	70 - 133
Dibromochloromethane	ND		25.0	27.65		ug/L		111	70 - 148
Dibromomethane	ND		25.0	25.33		ug/L		101	70 - 130
Dichlorodifluoromethane	ND		25.0	22.92		ug/L		92	25 - 142
Ethylbenzene	ND		25.0	24.22		ug/L		97	70 - 130
Hexachlorobutadiene	ND		25.0	33.94		ug/L		136	10 - 150
Isopropylbenzene	ND		25.0	24.71		ug/L		99	70 - 132
m,p-Xylene	ND		25.0	25.32		ug/L		101	70 - 133
Methylene Chloride	ND		25.0	24.79		ug/L		99	52 - 130
Methyl-t-Butyl Ether (MTBE)	ND		25.0	24.86		ug/L		99	70 - 130
Naphthalene	ND		25.0	21.17		ug/L		85	60 - 140
n-Butylbenzene	ND		25.0	24.33		ug/L		97	61 - 149
N-Propylbenzene	ND		25.0	23.00		ug/L		92	66 - 135
o-Xylene	ND		25.0	25.23		ug/L		101	70 - 133
sec-Butylbenzene	ND		25.0	23.21		ug/L		93	67 - 134
Styrene	ND		25.0	23.43		ug/L		94	29 - 150
Tert-amyl-methyl ether (TAME)	ND		25.0	19.22		ug/L		77	68 - 133
tert-Butylbenzene	ND		25.0	23.63		ug/L		95	70 - 130
Tetrachloroethene	ND		25.0	33.79		ug/L		135	70 - 137
Toluene	ND		25.0	23.76		ug/L		95	70 - 130
trans-1,2-Dichloroethene	ND		25.0	25.53		ug/L		102	70 - 130
trans-1,3-Dichloropropene	ND		25.0	29.02		ug/L		116	70 - 138
Trichloroethene	ND		25.0	27.62		ug/L		107	70 - 130
Trichlorofluoromethane	ND		25.0	27.32		ug/L		109	60 - 150
Vinyl chloride	ND		25.0	28.75		ug/L		115	50 - 137
Isopropyl Ether (DIPE)	ND		25.0	22.19		ug/L		89	64 - 138
Ethyl-t-butyl ether (ETBE)	ND		25.0	19.75		ug/L		79	70 - 130
tert-Butyl alcohol (TBA)	ND		25.0	278.3		ug/L		111	70 - 130
p-Isopropyltoluene	ND		25.0	23.07		ug/L		92	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
Toluene-d8 (Surr)	100		80 - 128
4-Bromofluorobenzene (Surr)	93		80 - 120
Dibromofluoromethane (Surr)	101		76 - 132

Lab Sample ID: 440-93801-B-9 MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 220504

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
1,1,1,2-Tetrachloroethane	ND		25.0	23.42		ug/L		94	60 - 149	14	20

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-93801-B-9 MSD

Matrix: Water

Analysis Batch: 220504

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
1,1,1-Trichloroethane	ND		25.0	23.12		ug/L		92	70 - 130	15	20
1,1,1,2,2-Tetrachloroethane	ND		25.0	20.91		ug/L		84	63 - 130	11	30
1,1,2-Trichloroethane	ND		25.0	23.01		ug/L		92	70 - 130	12	25
1,1-Dichloroethane	ND		25.0	22.62		ug/L		90	65 - 130	11	20
1,1-Dichloroethene	ND		25.0	21.69		ug/L		87	70 - 130	16	20
1,1-Dichloropropene	ND		25.0	24.86		ug/L		99	64 - 130	13	20
1,2,3-Trichlorobenzene	ND		25.0	25.32		ug/L		101	60 - 140	10	20
1,2,3-Trichloropropane	ND		25.0	20.72		ug/L		83	60 - 130	13	30
1,2,4-Trichlorobenzene	ND		25.0	25.31		ug/L		101	60 - 140	11	20
1,2,4-Trimethylbenzene	ND		25.0	19.28		ug/L		77	70 - 130	15	25
1,2-Dibromo-3-Chloropropane	ND		25.0	19.62		ug/L		78	48 - 140	21	30
1,2-Dibromoethane (EDB)	ND		25.0	22.91		ug/L		92	70 - 131	12	25
1,2-Dichlorobenzene	ND		25.0	22.02		ug/L		88	70 - 130	11	20
1,2-Dichloroethane	ND		25.0	23.48		ug/L		94	56 - 146	12	20
1,2-Dichloropropane	ND		25.0	22.40		ug/L		90	69 - 130	11	20
1,3,5-Trimethylbenzene	ND		25.0	20.00		ug/L		80	70 - 130	14	20
1,3-Dichlorobenzene	ND		25.0	21.84		ug/L		87	70 - 130	14	20
1,3-Dichloropropane	ND		25.0	22.19		ug/L		89	70 - 130	11	25
1,4-Dichlorobenzene	ND		25.0	21.66		ug/L		87	70 - 130	13	20
2,2-Dichloropropane	ND		25.0	23.21		ug/L		93	69 - 138	17	25
2-Chlorotoluene	ND		25.0	21.01		ug/L		84	70 - 130	12	20
4-Chlorotoluene	ND		25.0	21.03		ug/L		84	70 - 130	13	20
Benzene	ND		25.0	21.60		ug/L		86	66 - 130	12	20
Bromobenzene	ND		25.0	22.77		ug/L		91	70 - 130	13	20
Bromochloromethane	ND		25.0	22.34		ug/L		89	70 - 130	13	25
Bromodichloromethane	ND		25.0	23.48		ug/L		94	70 - 138	12	20
Bromoform	ND		25.0	28.48		ug/L		114	59 - 150	9	25
Bromomethane	ND		25.0	24.38		ug/L		98	62 - 131	11	25
Carbon tetrachloride	ND		25.0	24.41		ug/L		98	60 - 150	15	25
Chlorobenzene	ND		25.0	22.06		ug/L		88	70 - 130	11	20
Chloroethane	ND		25.0	23.32		ug/L		93	68 - 130	17	25
Chloroform	ND		25.0	22.83		ug/L		91	70 - 130	13	20
Chloromethane	ND		25.0	22.82		ug/L		91	39 - 144	12	25
cis-1,2-Dichloroethene	ND		25.0	23.22		ug/L		91	70 - 130	10	20
cis-1,3-Dichloropropene	ND		25.0	23.28		ug/L		93	70 - 133	9	20
Dibromochloromethane	ND		25.0	24.84		ug/L		99	70 - 148	11	25
Dibromomethane	ND		25.0	22.52		ug/L		90	70 - 130	12	25
Dichlorodifluoromethane	ND		25.0	19.92		ug/L		80	25 - 142	14	30
Ethylbenzene	ND		25.0	21.58		ug/L		86	70 - 130	12	20
Hexachlorobutadiene	ND		25.0	29.58		ug/L		118	10 - 150	14	20
Isopropylbenzene	ND		25.0	21.71		ug/L		87	70 - 132	13	20
m,p-Xylene	ND		25.0	22.70		ug/L		91	70 - 133	11	25
Methylene Chloride	ND		25.0	21.60		ug/L		86	52 - 130	14	20
Methyl-t-Butyl Ether (MTBE)	ND		25.0	22.26		ug/L		89	70 - 130	11	25
Naphthalene	ND		25.0	19.28		ug/L		77	60 - 140	9	30
n-Butylbenzene	ND		25.0	20.84		ug/L		83	61 - 149	15	20
N-Propylbenzene	ND		25.0	20.36		ug/L		81	66 - 135	12	20
o-Xylene	ND		25.0	22.44		ug/L		90	70 - 133	12	20

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-93801-B-9 MSD

Matrix: Water

Analysis Batch: 220504

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
sec-Butylbenzene	ND		25.0	20.12		ug/L		80	67 - 134	14	20
Styrene	ND		25.0	19.84		ug/L		79	29 - 150	17	35
Tert-amyl-methyl ether (TAME)	ND		25.0	17.81		ug/L		71	68 - 133	8	30
tert-Butylbenzene	ND		25.0	20.36		ug/L		81	70 - 130	15	20
Tetrachloroethene	ND		25.0	29.30		ug/L		117	70 - 137	14	20
Toluene	ND		25.0	21.25		ug/L		85	70 - 130	11	20
trans-1,2-Dichloroethene	ND		25.0	22.09		ug/L		88	70 - 130	14	20
trans-1,3-Dichloropropene	ND		25.0	25.88		ug/L		104	70 - 138	11	25
Trichloroethene	ND		25.0	24.27		ug/L		94	70 - 130	13	20
Trichlorofluoromethane	ND		25.0	23.58		ug/L		94	60 - 150	15	25
Vinyl chloride	ND		25.0	25.25		ug/L		101	50 - 137	13	30
Isopropyl Ether (DIPE)	ND		25.0	19.92		ug/L		80	64 - 138	11	25
Ethyl-t-butyl ether (ETBE)	ND		25.0	17.77		ug/L		71	70 - 130	11	25
tert-Butyl alcohol (TBA)	ND		250	242.4		ug/L		97	70 - 130	14	25
p-Isopropyltoluene	ND		25.0	19.80		ug/L		79	70 - 130	15	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Toluene-d8 (Surr)	98		80 - 128
4-Bromofluorobenzene (Surr)	91		80 - 120
Dibromofluoromethane (Surr)	103		76 - 132

Lab Sample ID: MB 440-220509/23

Matrix: Solid

Analysis Batch: 220509

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	ND		250		ug/Kg			11/24/14 14:17	100
1,1,1-Trichloroethane	ND		100		ug/Kg			11/24/14 14:17	100
1,1,2,2-Tetrachloroethane	ND		100		ug/Kg			11/24/14 14:17	100
1,1,2-Trichloroethane	ND		100		ug/Kg			11/24/14 14:17	100
1,1-Dichloroethane	ND		100		ug/Kg			11/24/14 14:17	100
1,1-Dichloroethene	ND		250		ug/Kg			11/24/14 14:17	100
1,1-Dichloropropene	ND		100		ug/Kg			11/24/14 14:17	100
1,2,3-Trichlorobenzene	ND		250		ug/Kg			11/24/14 14:17	100
1,2,3-Trichloropropane	ND		500		ug/Kg			11/24/14 14:17	100
1,2,4-Trichlorobenzene	ND		250		ug/Kg			11/24/14 14:17	100
1,2,4-Trimethylbenzene	ND		100		ug/Kg			11/24/14 14:17	100
1,2-Dibromo-3-Chloropropane	ND		250		ug/Kg			11/24/14 14:17	100
1,2-Dibromoethane (EDB)	ND		100		ug/Kg			11/24/14 14:17	100
1,2-Dichlorobenzene	ND		100		ug/Kg			11/24/14 14:17	100
1,2-Dichloroethane	ND		100		ug/Kg			11/24/14 14:17	100
1,2-Dichloropropane	ND		100		ug/Kg			11/24/14 14:17	100
1,3,5-Trimethylbenzene	ND		100		ug/Kg			11/24/14 14:17	100
1,3-Dichlorobenzene	ND		100		ug/Kg			11/24/14 14:17	100
1,3-Dichloropropane	ND		100		ug/Kg			11/24/14 14:17	100
1,4-Dichlorobenzene	ND		100		ug/Kg			11/24/14 14:17	100
2,2-Dichloropropane	ND		200		ug/Kg			11/24/14 14:17	100
2-Chlorotoluene	ND		250		ug/Kg			11/24/14 14:17	100

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-220509/23

Matrix: Solid

Analysis Batch: 220509

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
4-Chlorotoluene	ND		250		ug/Kg			11/24/14 14:17	100
Benzene	ND		100		ug/Kg			11/24/14 14:17	100
Bromobenzene	ND		250		ug/Kg			11/24/14 14:17	100
Bromochloromethane	ND		250		ug/Kg			11/24/14 14:17	100
Bromodichloromethane	ND		100		ug/Kg			11/24/14 14:17	100
Bromoform	ND		250		ug/Kg			11/24/14 14:17	100
Bromomethane	ND		250		ug/Kg			11/24/14 14:17	100
Carbon tetrachloride	ND		250		ug/Kg			11/24/14 14:17	100
Chlorobenzene	ND		100		ug/Kg			11/24/14 14:17	100
Chloroethane	ND		250		ug/Kg			11/24/14 14:17	100
Chloroform	ND		100		ug/Kg			11/24/14 14:17	100
Chloromethane	ND		250		ug/Kg			11/24/14 14:17	100
cis-1,2-Dichloroethene	ND		100		ug/Kg			11/24/14 14:17	100
cis-1,3-Dichloropropene	ND		100		ug/Kg			11/24/14 14:17	100
Dibromochloromethane	ND		100		ug/Kg			11/24/14 14:17	100
Dibromomethane	ND		100		ug/Kg			11/24/14 14:17	100
Dichlorodifluoromethane	ND		250		ug/Kg			11/24/14 14:17	100
Ethylbenzene	ND		100		ug/Kg			11/24/14 14:17	100
Hexachlorobutadiene	ND		250		ug/Kg			11/24/14 14:17	100
Isopropylbenzene	ND		100		ug/Kg			11/24/14 14:17	100
m,p-Xylene	ND		200		ug/Kg			11/24/14 14:17	100
Methylene Chloride	ND		1000		ug/Kg			11/24/14 14:17	100
Methyl-t-Butyl Ether (MTBE)	ND		250		ug/Kg			11/24/14 14:17	100
Naphthalene	ND		250		ug/Kg			11/24/14 14:17	100
n-Butylbenzene	ND		250		ug/Kg			11/24/14 14:17	100
N-Propylbenzene	ND		100		ug/Kg			11/24/14 14:17	100
o-Xylene	ND		100		ug/Kg			11/24/14 14:17	100
sec-Butylbenzene	ND		250		ug/Kg			11/24/14 14:17	100
Styrene	ND		100		ug/Kg			11/24/14 14:17	100
Tert-amyl-methyl ether (TAME)	ND		250		ug/Kg			11/24/14 14:17	100
tert-Butylbenzene	ND		250		ug/Kg			11/24/14 14:17	100
Tetrachloroethene	ND		100		ug/Kg			11/24/14 14:17	100
Toluene	ND		100		ug/Kg			11/24/14 14:17	100
trans-1,2-Dichloroethene	ND		100		ug/Kg			11/24/14 14:17	100
trans-1,3-Dichloropropene	ND		100		ug/Kg			11/24/14 14:17	100
Trichloroethene	ND		100		ug/Kg			11/24/14 14:17	100
Trichlorofluoromethane	ND		250		ug/Kg			11/24/14 14:17	100
Vinyl chloride	ND		250		ug/Kg			11/24/14 14:17	100
Xylenes, Total	ND		200		ug/Kg			11/24/14 14:17	100
Isopropyl Ether (DIPE)	ND		250		ug/Kg			11/24/14 14:17	100
Ethyl-t-butyl ether (ETBE)	ND		250		ug/Kg			11/24/14 14:17	100
tert-Butyl alcohol (TBA)	ND		5000		ug/Kg			11/24/14 14:17	100
p-Isopropyltoluene	ND		100		ug/Kg			11/24/14 14:17	100

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Toluene-d8 (Surr)	104		60 - 140		11/24/14 14:17	100
4-Bromofluorobenzene (Surr)	92		65 - 140		11/24/14 14:17	100
Dibromofluoromethane (Surr)	112		55 - 140		11/24/14 14:17	100

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-220509/24

Matrix: Solid

Analysis Batch: 220509

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	2500	2845		ug/Kg		114	70 - 140
1,1,1-Trichloroethane	2500	2848		ug/Kg		114	65 - 140
1,1,2,2-Tetrachloroethane	2500	2392		ug/Kg		96	55 - 135
1,1,2-Trichloroethane	2500	2547		ug/Kg		102	65 - 130
1,1-Dichloroethane	2500	2436		ug/Kg		97	65 - 130
1,1-Dichloroethene	2500	2376		ug/Kg		95	75 - 140
1,1-Dichloropropene	2500	2749		ug/Kg		110	70 - 130
1,2,3-Trichlorobenzene	2500	2783		ug/Kg		111	60 - 135
1,2,3-Trichloropropane	2500	2303		ug/Kg		92	55 - 130
1,2,4-Trichlorobenzene	2500	2887		ug/Kg		115	65 - 135
1,2,4-Trimethylbenzene	2500	2455		ug/Kg		98	70 - 125
1,2-Dibromo-3-Chloropropane	2500	2492		ug/Kg		100	45 - 135
1,2-Dibromoethane (EDB)	2500	2528		ug/Kg		101	70 - 130
1,2-Dichlorobenzene	2500	2670		ug/Kg		107	70 - 120
1,2-Dichloroethane	2500	2820		ug/Kg		113	60 - 145
1,2-Dichloropropane	2500	2505		ug/Kg		100	75 - 125
1,3,5-Trimethylbenzene	2500	2498		ug/Kg		100	70 - 125
1,3-Dichlorobenzene	2500	2670		ug/Kg		107	70 - 125
1,3-Dichloropropane	2500	2458		ug/Kg		98	65 - 130
1,4-Dichlorobenzene	2500	2695		ug/Kg		108	70 - 125
2,2-Dichloropropane	2500	2634		ug/Kg		105	60 - 145
2-Chlorotoluene	2500	2434		ug/Kg		97	70 - 125
4-Chlorotoluene	2500	2455		ug/Kg		98	70 - 125
Benzene	2500	2461		ug/Kg		98	65 - 120
Bromobenzene	2500	2571		ug/Kg		103	70 - 120
Bromochloromethane	2500	2935		ug/Kg		117	65 - 125
Bromodichloromethane	2500	2841		ug/Kg		114	65 - 135
Bromoform	2500	2978		ug/Kg		119	50 - 130
Bromomethane	2500	1809		ug/Kg		72	30 - 140
Carbon tetrachloride	2500	3019		ug/Kg		121	65 - 145
Chlorobenzene	2500	2578		ug/Kg		103	70 - 125
Chloroethane	2500	1828		ug/Kg		73	40 - 140
Chloroform	2500	2833		ug/Kg		113	75 - 130
Chloromethane	2500	1075		ug/Kg		43	30 - 140
cis-1,2-Dichloroethene	2500	2713		ug/Kg		109	65 - 130
cis-1,3-Dichloropropene	2500	2520		ug/Kg		101	70 - 130
Dibromochloromethane	2500	2919		ug/Kg		117	65 - 140
Dibromomethane	2500	2790		ug/Kg		112	65 - 130
Dichlorodifluoromethane	2500	515.4		ug/Kg		21	10 - 155
Ethylbenzene	2500	2442		ug/Kg		98	80 - 120
Hexachlorobutadiene	2500	3079		ug/Kg		123	60 - 135
Isopropylbenzene	2500	2564		ug/Kg		103	70 - 125
m,p-Xylene	2500	2498		ug/Kg		100	70 - 125
Methylene Chloride	2500	2426		ug/Kg		97	60 - 140
Methyl-t-Butyl Ether (MTBE)	2500	2620		ug/Kg		105	55 - 145
Naphthalene	2500	2511		ug/Kg		100	50 - 140
n-Butylbenzene	2500	2576		ug/Kg		103	70 - 130
N-Propylbenzene	2500	2414		ug/Kg		97	70 - 130

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-220509/24

Matrix: Solid

Analysis Batch: 220509

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
o-Xylene	2500	2481		ug/Kg		99	70 - 125
sec-Butylbenzene	2500	2517		ug/Kg		101	70 - 125
Styrene	2500	2468		ug/Kg		99	70 - 135
Tert-amyl-methyl ether (TAME)	2500	2549		ug/Kg		102	60 - 145
tert-Butylbenzene	2500	2560		ug/Kg		102	70 - 125
Tetrachloroethene	2500	2782		ug/Kg		111	65 - 125
Toluene	2500	2406		ug/Kg		96	80 - 120
trans-1,2-Dichloroethene	2500	2524		ug/Kg		101	65 - 130
trans-1,3-Dichloropropene	2500	2652		ug/Kg		106	65 - 135
Trichloroethene	2500	2905		ug/Kg		116	70 - 130
Trichlorofluoromethane	2500	2538		ug/Kg		102	50 - 145
Vinyl chloride	2500	1240		ug/Kg		50	10 - 120
Isopropyl Ether (DIPE)	2500	2373		ug/Kg		95	60 - 140
Ethyl-t-butyl ether (ETBE)	2500	2486		ug/Kg		99	60 - 140
tert-Butyl alcohol (TBA)	25000	25620		ug/Kg		102	65 - 140
p-Isopropyltoluene	2500	2588		ug/Kg		104	70 - 125

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Toluene-d8 (Surr)	99		60 - 140
4-Bromofluorobenzene (Surr)	93		65 - 140
Dibromofluoromethane (Surr)	112		55 - 140

Lab Sample ID: LCSD 440-220509/25

Matrix: Solid

Analysis Batch: 220509

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	2500	2913		ug/Kg		117	70 - 140	2	20
1,1,1-Trichloroethane	2500	2881		ug/Kg		115	65 - 140	1	20
1,1,2,2-Tetrachloroethane	2500	2578		ug/Kg		103	55 - 135	7	25
1,1,2-Trichloroethane	2500	2587		ug/Kg		103	65 - 130	2	20
1,1-Dichloroethane	2500	2662		ug/Kg		106	65 - 130	9	20
1,1-Dichloroethene	2500	2306		ug/Kg		92	75 - 140	3	20
1,1-Dichloropropene	2500	2827		ug/Kg		113	70 - 130	3	20
1,2,3-Trichlorobenzene	2500	2881		ug/Kg		115	60 - 135	3	20
1,2,3-Trichloropropane	2500	2440		ug/Kg		98	55 - 130	6	25
1,2,4-Trichlorobenzene	2500	3023		ug/Kg		121	65 - 135	5	20
1,2,4-Trimethylbenzene	2500	2631		ug/Kg		105	70 - 125	7	20
1,2-Dibromo-3-Chloropropane	2500	2595		ug/Kg		104	45 - 135	4	25
1,2-Dibromoethane (EDB)	2500	2699		ug/Kg		108	70 - 130	7	20
1,2-Dichlorobenzene	2500	2841		ug/Kg		114	70 - 120	6	20
1,2-Dichloroethane	2500	2843		ug/Kg		114	60 - 145	1	20
1,2-Dichloropropane	2500	2564		ug/Kg		103	75 - 125	2	20
1,3,5-Trimethylbenzene	2500	2687		ug/Kg		107	70 - 125	7	20
1,3-Dichlorobenzene	2500	2817		ug/Kg		113	70 - 125	5	20
1,3-Dichloropropane	2500	2497		ug/Kg		100	65 - 130	2	20
1,4-Dichlorobenzene	2500	2876		ug/Kg		115	70 - 125	6	20
2,2-Dichloropropane	2500	2657		ug/Kg		106	60 - 145	1	25

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 440-220509/25

Matrix: Solid

Analysis Batch: 220509

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	
							RPD	Limit		
2-Chlorotoluene	2500	2591		ug/Kg		104	70 - 125	6	20	
4-Chlorotoluene	2500	2616		ug/Kg		105	70 - 125	6	20	
Benzene	2500	2551		ug/Kg		102	65 - 120	4	20	
Bromobenzene	2500	2736		ug/Kg		109	70 - 120	6	20	
Bromochloromethane	2500	3015		ug/Kg		121	65 - 125	3	20	
Bromodichloromethane	2500	2887		ug/Kg		115	65 - 135	2	20	
Bromoform	2500	3052		ug/Kg		122	50 - 130	2	25	
Bromomethane	2500	1919		ug/Kg		77	30 - 140	6	30	
Carbon tetrachloride	2500	3083		ug/Kg		123	65 - 145	2	20	
Chlorobenzene	2500	2666		ug/Kg		107	70 - 125	3	20	
Chloroethane	2500	1896		ug/Kg		76	40 - 140	4	25	
Chloroform	2500	2875		ug/Kg		115	75 - 130	1	20	
Chloromethane	2500	1122		ug/Kg		45	30 - 140	4	25	
cis-1,2-Dichloroethene	2500	2826		ug/Kg		113	65 - 130	4	20	
cis-1,3-Dichloropropene	2500	2583		ug/Kg		103	70 - 130	2	20	
Dibromochloromethane	2500	2994		ug/Kg		120	65 - 140	3	20	
Dibromomethane	2500	2839		ug/Kg		114	65 - 130	2	20	
Dichlorodifluoromethane	2500	542.4		ug/Kg		22	10 - 155	5	30	
Ethylbenzene	2500	2532		ug/Kg		101	80 - 120	4	20	
Hexachlorobutadiene	2500	3291		ug/Kg		132	60 - 135	7	20	
Isopropylbenzene	2500	2665		ug/Kg		107	70 - 125	4	20	
m,p-Xylene	2500	2583		ug/Kg		103	70 - 125	3	20	
Methylene Chloride	2500	2455		ug/Kg		98	60 - 140	1	20	
Methyl-t-Butyl Ether (MTBE)	2500	2665		ug/Kg		107	55 - 145	2	25	
Naphthalene	2500	2665		ug/Kg		107	50 - 140	6	25	
n-Butylbenzene	2500	2720		ug/Kg		109	70 - 130	5	20	
N-Propylbenzene	2500	2613		ug/Kg		105	70 - 130	8	20	
o-Xylene	2500	2555		ug/Kg		102	70 - 125	3	20	
sec-Butylbenzene	2500	2688		ug/Kg		108	70 - 125	7	20	
Styrene	2500	2594		ug/Kg		104	70 - 135	5	20	
Tert-amyl-methyl ether (TAME)	2500	2646		ug/Kg		106	60 - 145	4	25	
tert-Butylbenzene	2500	2731		ug/Kg		109	70 - 125	6	20	
Tetrachloroethene	2500	2901		ug/Kg		116	65 - 125	4	20	
Toluene	2500	2495		ug/Kg		100	80 - 120	4	20	
trans-1,2-Dichloroethene	2500	2750		ug/Kg		110	65 - 130	9	20	
trans-1,3-Dichloropropene	2500	2806		ug/Kg		112	65 - 135	6	20	
Trichloroethene	2500	2956		ug/Kg		118	70 - 130	2	20	
Trichlorofluoromethane	2500	2591		ug/Kg		104	50 - 145	2	25	
Vinyl chloride	2500	1266		ug/Kg		51	10 - 120	2	30	
Isopropyl Ether (DIPE)	2500	2416		ug/Kg		97	60 - 140	2	20	
Ethyl-t-butyl ether (ETBE)	2500	2583		ug/Kg		103	60 - 140	4	20	
tert-Butyl alcohol (TBA)	25000	27510		ug/Kg		110	65 - 140	7	20	
p-Isopropyltoluene	2500	2766		ug/Kg		111	70 - 125	7	20	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
Toluene-d8 (Surr)	98		60 - 140
4-Bromofluorobenzene (Surr)	94		65 - 140
Dibromofluoromethane (Surr)	111		55 - 140

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 440-220469/1-A

Matrix: Solid

Analysis Batch: 220484

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 220469

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
1,2-Dichlorobenzene	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
1,2-Diphenylhydrazine(as Azobenzene)	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
1,3-Dichlorobenzene	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
1,4-Dichlorobenzene	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
2,4,5-Trichlorophenol	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
2,4,6-Trichlorophenol	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
2,4-Dichlorophenol	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
2,4-Dimethylphenol	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
2,4-Dinitrophenol	ND		660		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
2,4-Dinitrotoluene	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
2,6-Dinitrotoluene	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
2-Chloronaphthalene	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
2-Chlorophenol	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
2-Methylnaphthalene	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
2-Methylphenol	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
2-Nitroaniline	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
2-Nitrophenol	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
3,3'-Dichlorobenzidine	ND		830		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
3-Nitroaniline	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
4,6-Dinitro-2-methylphenol	ND		420		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
4-Bromophenyl phenyl ether	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
4-Chloro-3-methylphenol	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
4-Chloroaniline	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
4-Chlorophenyl phenyl ether	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
3-Methylphenol + 4-Methylphenol	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
4-Nitroaniline	ND		830		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
4-Nitrophenol	ND		830		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
Acenaphthene	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
Acenaphthylene	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
Aniline	ND		420		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
Anthracene	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
Benzidine	ND		1340		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
Benzo[a]anthracene	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
Benzo[a]pyrene	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
Benzo[b]fluoranthene	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
Benzo[g,h,i]perylene	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
Benzo[k]fluoranthene	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
Benzoic acid	ND		830		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
Benzyl alcohol	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
Bis(2-chloroethoxy)methane	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
Bis(2-chloroethyl)ether	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
Bis(2-ethylhexyl) phthalate	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
Butyl benzyl phthalate	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
Chrysene	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
Dibenz(a,h)anthracene	ND		420		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
Dibenzofuran	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-220469/1-A

Matrix: Solid

Analysis Batch: 220484

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 220469

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Diethyl phthalate	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
Dimethyl phthalate	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
Di-n-butyl phthalate	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
Di-n-octyl phthalate	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
Fluoranthene	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
Fluorene	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
Hexachlorobenzene	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
Hexachlorobutadiene	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
Hexachlorocyclopentadiene	ND		830		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
Hexachloroethane	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
Indeno[1,2,3-cd]pyrene	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
Isophorone	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
Naphthalene	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
Nitrobenzene	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
N-Nitrosodi-n-propylamine	ND		250		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
N-Nitrosodiphenylamine	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
Pentachlorophenol	ND		830		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
Phenanthrene	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
Phenol	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
Pyrene	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
bis (2-chloroisopropyl) ether	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1
N-Nitrosodimethylamine	ND		330		ug/Kg		11/23/14 19:10	11/24/14 07:58	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2-Fluorobiphenyl	90		35 - 120	11/23/14 19:10	11/24/14 07:58	1
2-Fluorophenol (Surr)	91		25 - 120	11/23/14 19:10	11/24/14 07:58	1
2,4,6-Tribromophenol (Surr)	97		35 - 125	11/23/14 19:10	11/24/14 07:58	1
Nitrobenzene-d5 (Surr)	90		30 - 120	11/23/14 19:10	11/24/14 07:58	1
Terphenyl-d14 (Surr)	89		40 - 135	11/23/14 19:10	11/24/14 07:58	1
Phenol-d6 (Surr)	95		35 - 120	11/23/14 19:10	11/24/14 07:58	1

Lab Sample ID: LCS 440-220469/2-A

Matrix: Solid

Analysis Batch: 220484

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 220469

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
1,2,4-Trichlorobenzene	3330	2614		ug/Kg		78	56 - 94
1,2-Dichlorobenzene	3330	2494		ug/Kg		75	54 - 93
1,2-Diphenylhydrazine(as Azobenzene)	3330	2871		ug/Kg		86	64 - 110
1,3-Dichlorobenzene	3330	2446		ug/Kg		73	53 - 89
1,4-Dichlorobenzene	3330	2397		ug/Kg		72	54 - 90
2,4,5-Trichlorophenol	3330	3096		ug/Kg		93	64 - 110
2,4,6-Trichlorophenol	3330	3167		ug/Kg		95	65 - 106
2,4-Dichlorophenol	3330	2924		ug/Kg		88	64 - 104
2,4-Dimethylphenol	3330	2759		ug/Kg		83	57 - 97
2,4-Dinitrophenol	3330	2530		ug/Kg		76	44 - 124
2,4-Dinitrotoluene	3330	3136		ug/Kg		94	67 - 113

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-220469/2-A

Matrix: Solid

Analysis Batch: 220484

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 220469

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,6-Dinitrotoluene	3330	3140		ug/Kg		94	67 - 112
2-Chloronaphthalene	3330	3071		ug/Kg		92	65 - 101
2-Chlorophenol	3330	3025		ug/Kg		91	61 - 103
2-Methylnaphthalene	3330	2612		ug/Kg		78	56 - 98
2-Methylphenol	3330	2807		ug/Kg		84	57 - 108
2-Nitroaniline	3330	3227		ug/Kg		97	62 - 109
2-Nitrophenol	3330	2756		ug/Kg		83	58 - 102
3,3'-Dichlorobenzidine	3330	2984		ug/Kg		90	44 - 101
3-Nitroaniline	3330	2899		ug/Kg		87	43 - 106
4,6-Dinitro-2-methylphenol	3330	3244		ug/Kg		97	60 - 122
4-Bromophenyl phenyl ether	3330	3169		ug/Kg		95	61 - 101
4-Chloro-3-methylphenol	3330	2911		ug/Kg		87	63 - 110
4-Chloroaniline	3330	2514		ug/Kg		75	29 - 98
4-Chlorophenyl phenyl ether	3330	2793		ug/Kg		84	60 - 116
3-Methylphenol + 4-Methylphenol	3330	3046		ug/Kg		91	56 - 110
4-Nitroaniline	3330	2573		ug/Kg		77	58 - 109
4-Nitrophenol	3330	2662		ug/Kg		80	58 - 118
Acenaphthene	3330	2744		ug/Kg		82	61 - 104
Acenaphthylene	3330	2916		ug/Kg		87	60 - 112
Aniline	3330	3001		ug/Kg		90	37 - 99
Anthracene	3330	3057		ug/Kg		92	69 - 115
Benzidine	3330	1699		ug/Kg		51	5 - 81
Benzo[a]anthracene	3330	3086		ug/Kg		93	68 - 109
Benzo[a]pyrene	3330	3344		ug/Kg		100	69 - 111
Benzo[b]fluoranthene	3330	3305		ug/Kg		99	61 - 106
Benzo[g,h,i]perylene	3330	3704		ug/Kg		111	60 - 115
Benzo[k]fluoranthene	3330	3452		ug/Kg		104	69 - 118
Benzoic acid	3330	1928		ug/Kg		58	38 - 115
Benzyl alcohol	3330	2519		ug/Kg		76	49 - 109
Bis(2-chloroethoxy)methane	3330	2846		ug/Kg		85	62 - 101
Bis(2-chloroethyl)ether	3330	2890		ug/Kg		87	55 - 99
Bis(2-ethylhexyl) phthalate	3330	2921		ug/Kg		88	61 - 117
Butyl benzyl phthalate	3330	2972		ug/Kg		89	61 - 109
Chrysene	3330	3137		ug/Kg		94	68 - 113
Dibenz(a,h)anthracene	3330	3647		ug/Kg		109	62 - 115
Dibenzofuran	3330	2896		ug/Kg		87	62 - 108
Diethyl phthalate	3330	2769		ug/Kg		83	65 - 116
Dimethyl phthalate	3330	2929		ug/Kg		88	67 - 106
Di-n-butyl phthalate	3330	2999		ug/Kg		90	71 - 119
Di-n-octyl phthalate	3330	2966		ug/Kg		89	68 - 124
Fluoranthene	3330	3086		ug/Kg		93	65 - 115
Fluorene	3330	2787		ug/Kg		84	61 - 115
Hexachlorobenzene	3330	3123		ug/Kg		94	61 - 99
Hexachlorobutadiene	3330	2548		ug/Kg		76	54 - 93
Hexachlorocyclopentadiene	3330	2414		ug/Kg		72	35 - 105
Hexachloroethane	3330	2435		ug/Kg		73	54 - 91
Indeno[1,2,3-cd]pyrene	3330	3721		ug/Kg		112	53 - 122
Isophorone	3330	2810		ug/Kg		84	58 - 98

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-220469/2-A

Matrix: Solid

Analysis Batch: 220484

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 220469

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Naphthalene	3330	2596		ug/Kg		78	58 - 96
Nitrobenzene	3330	2893		ug/Kg		87	58 - 96
N-Nitrosodi-n-propylamine	3330	2945		ug/Kg		88	54 - 104
N-Nitrosodiphenylamine	3330	3246		ug/Kg		97	64 - 101
Pentachlorophenol	3330	2646		ug/Kg		79	57 - 119
Phenanthrene	3330	3008		ug/Kg		90	67 - 118
Phenol	3330	2937		ug/Kg		88	60 - 108
Pyrene	3330	2960		ug/Kg		89	65 - 121
bis (2-chloroisopropyl) ether	3330	3184		ug/Kg		96	50 - 102
N-Nitrosodimethylamine	3330	2195		ug/Kg		66	48 - 94

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl	90		35 - 120
2-Fluorophenol (Surr)	81		25 - 120
2,4,6-Tribromophenol (Surr)	98		35 - 125
Nitrobenzene-d5 (Surr)	87		30 - 120
Terphenyl-d14 (Surr)	84		40 - 135
Phenol-d6 (Surr)	90		35 - 120

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 440-220536/5

Matrix: Water

Analysis Batch: 220536

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		50.0		ug/L			11/24/14 11:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		65 - 140		11/24/14 11:08	1

Lab Sample ID: LCS 440-220536/4

Matrix: Water

Analysis Batch: 220536

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
GRO (C4-C12)	800	768.5		ug/L		96	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		65 - 140

Lab Sample ID: 440-93726-E-4 MS

Matrix: Water

Analysis Batch: 220536

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
GRO (C4-C12)	124		800	859.8		ug/L		92	65 - 140

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: 440-93726-E-4 MS

Matrix: Water

Analysis Batch: 220536

Client Sample ID: Matrix Spike

Prep Type: Total/NA

	<i>MS</i>	<i>MS</i>	
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>
4-Bromofluorobenzene (Surr)	112		65 - 140

Lab Sample ID: 440-93726-E-4 MSD

Matrix: Water

Analysis Batch: 220536

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

<i>Analyte</i>	<i>Sample Result</i>	<i>Sample Qualifier</i>	<i>Spike Added</i>	<i>MSD Result</i>	<i>MSD Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec. Limits</i>	<i>RPD</i>	<i>RPD Limit</i>
GRO (C4-C12)	124		800	863.3		ug/L		92	65 - 140	0	20

	<i>MSD</i>	<i>MSD</i>	
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>
4-Bromofluorobenzene (Surr)	109		65 - 140

Lab Sample ID: MB 440-220538/5

Matrix: Water

Analysis Batch: 220538

Client Sample ID: Method Blank

Prep Type: Total/NA

<i>Analyte</i>	<i>MB Result</i>	<i>MB Qualifier</i>	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
GRO (C4-C12)	ND		50.0		ug/L			11/24/14 11:08	1

	<i>MB</i>	<i>MB</i>		<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>			
4-Bromofluorobenzene (Surr)	116		65 - 140		11/24/14 11:08	1

Lab Sample ID: LCS 440-220538/4

Matrix: Water

Analysis Batch: 220538

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

<i>Analyte</i>	<i>Spike Added</i>	<i>LCS Result</i>	<i>LCS Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec. Limits</i>
GRO (C4-C12)	800	720.4		ug/L		90	80 - 120

	<i>LCS</i>	<i>LCS</i>	
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>
4-Bromofluorobenzene (Surr)	109		65 - 140

Lab Sample ID: 440-93779-A-10 MS

Matrix: Water

Analysis Batch: 220538

Client Sample ID: Matrix Spike

Prep Type: Total/NA

<i>Analyte</i>	<i>Sample Result</i>	<i>Sample Qualifier</i>	<i>Spike Added</i>	<i>MS Result</i>	<i>MS Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec. Limits</i>
GRO (C4-C12)	ND		800	731.3		ug/L		87	65 - 140

	<i>MS</i>	<i>MS</i>	
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>
4-Bromofluorobenzene (Surr)	117		65 - 140

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: 440-93779-A-10 MSD

Matrix: Water

Analysis Batch: 220538

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (C4-C12)	ND		800	688.8		ug/L		82	65 - 140	6	20
Surrogate	%Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	110		65 - 140								

Lab Sample ID: MB 440-220541/8

Matrix: Solid

Analysis Batch: 220541

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		40000		ug/Kg			11/24/14 13:08	100
Surrogate	%Recovery	MB Qualifier	Limits						
4-Bromofluorobenzene (Surr)	92		65 - 140						
							Prepared	Analyzed	Dil Fac
								11/24/14 13:08	100

Lab Sample ID: LCS 440-220541/6

Matrix: Solid

Analysis Batch: 220541

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
GRO (C4-C12)	160000	151500		ug/Kg		95	70 - 135
Surrogate	%Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	87		65 - 140				

Lab Sample ID: LCSD 440-220541/7

Matrix: Solid

Analysis Batch: 220541

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (C4-C12)	160000	156200		ug/Kg		98	70 - 135	3	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	89		65 - 140						

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 440-220468/1-A

Matrix: Solid

Analysis Batch: 220497

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 220468

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.00		mg/Kg		11/23/14 19:07	11/24/14 10:48	1
C23-C40	ND		5.00		mg/Kg		11/23/14 19:07	11/24/14 10:48	1

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QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 440-220468/1-A
Matrix: Solid
Analysis Batch: 220497

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 220468

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
n-Octacosane	90		40 - 140	11/23/14 19:07	11/24/14 10:48	1

Lab Sample ID: LCS 440-220468/2-A
Matrix: Solid
Analysis Batch: 220497

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 220468

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
C10-C28	66.7	41.04		mg/Kg		62	45 - 115

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
n-Octacosane	60		40 - 140

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 440-220534/1-A ^5
Matrix: Solid
Analysis Batch: 220670

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 220534

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	ND		10.0		mg/Kg		11/24/14 09:16	11/24/14 16:17	5
Arsenic	ND		3.00		mg/Kg		11/24/14 09:16	11/24/14 16:17	5
Barium	ND		1.50		mg/Kg		11/24/14 09:16	11/24/14 16:17	5
Beryllium	ND		0.500		mg/Kg		11/24/14 09:16	11/24/14 16:17	5
Cadmium	ND		0.500		mg/Kg		11/24/14 09:16	11/24/14 16:17	5
Chromium	ND		1.00		mg/Kg		11/24/14 09:16	11/24/14 16:17	5
Cobalt	ND		1.00		mg/Kg		11/24/14 09:16	11/24/14 16:17	5
Copper	ND		2.00		mg/Kg		11/24/14 09:16	11/24/14 16:17	5
Lead	ND		2.00		mg/Kg		11/24/14 09:16	11/24/14 16:17	5
Molybdenum	ND		2.00		mg/Kg		11/24/14 09:16	11/24/14 16:17	5
Nickel	ND		2.00		mg/Kg		11/24/14 09:16	11/24/14 16:17	5
Selenium	ND		3.00		mg/Kg		11/24/14 09:16	11/24/14 16:17	5
Thallium	ND		10.0		mg/Kg		11/24/14 09:16	11/24/14 16:17	5
Vanadium	ND		1.00		mg/Kg		11/24/14 09:16	11/24/14 16:17	5
Zinc	ND		5.00		mg/Kg		11/24/14 09:16	11/24/14 16:17	5
Silver	ND		1.50		mg/Kg		11/24/14 09:16	11/24/14 16:17	5

Lab Sample ID: LCS 440-220534/2-A ^5
Matrix: Solid
Analysis Batch: 220670

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 220534

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Antimony	49.8	50.72		mg/Kg		102	80 - 120
Arsenic	49.8	50.17		mg/Kg		101	80 - 120
Barium	49.8	50.21		mg/Kg		101	80 - 120
Beryllium	49.8	48.98		mg/Kg		98	80 - 120
Cadmium	49.8	48.59		mg/Kg		98	80 - 120
Chromium	49.8	50.47		mg/Kg		101	80 - 120
Cobalt	49.8	50.43		mg/Kg		101	80 - 120

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 440-220534/2-A ^5

Matrix: Solid

Analysis Batch: 220670

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 220534

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Copper	49.8	50.29		mg/Kg		101	80 - 120
Lead	49.8	50.89		mg/Kg		102	80 - 120
Molybdenum	49.8	49.78		mg/Kg		100	80 - 120
Nickel	49.8	51.45		mg/Kg		103	80 - 120
Selenium	49.8	43.45		mg/Kg		87	80 - 120
Thallium	49.8	48.21		mg/Kg		97	80 - 120
Vanadium	49.8	50.97		mg/Kg		102	80 - 120
Zinc	49.8	48.02		mg/Kg		97	80 - 120
Silver	24.9	24.71		mg/Kg		99	80 - 120

Lab Sample ID: 440-94001-A-1-B MS ^5

Matrix: Solid

Analysis Batch: 220670

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 220534

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND		49.5	17.10	F1	mg/Kg		35	75 - 125
Arsenic	ND		49.5	47.70		mg/Kg		91	75 - 125
Barium	63.6		49.5	116.2		mg/Kg		106	75 - 125
Beryllium	2.83		49.5	48.78		mg/Kg		93	75 - 125
Cadmium	0.600		49.5	44.71		mg/Kg		89	75 - 125
Chromium	32.5		49.5	90.84		mg/Kg		118	75 - 125
Cobalt	18.9		49.5	58.37		mg/Kg		80	75 - 125
Copper	8.93		49.5	60.98		mg/Kg		105	75 - 125
Lead	5.15		49.5	52.09		mg/Kg		95	75 - 125
Molybdenum	ND		49.5	34.20	F1	mg/Kg		69	75 - 125
Nickel	18.0		49.5	68.28		mg/Kg		102	75 - 125
Selenium	ND		49.5	41.44		mg/Kg		84	75 - 125
Thallium	ND		49.5	42.82		mg/Kg		86	75 - 125
Vanadium	29.6		49.5	84.62		mg/Kg		111	75 - 125
Zinc	31.8		49.5	85.56		mg/Kg		109	75 - 125
Silver	ND		24.8	23.38		mg/Kg		94	75 - 125

Lab Sample ID: 440-94001-A-1-C MSD ^5

Matrix: Solid

Analysis Batch: 220670

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 220534

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	ND		49.8	17.74	F1	mg/Kg		36	75 - 125	4	20
Arsenic	ND		49.8	47.78		mg/Kg		91	75 - 125	0	20
Barium	63.6		49.8	107.0		mg/Kg		87	75 - 125	8	20
Beryllium	2.83		49.8	47.09		mg/Kg		89	75 - 125	4	20
Cadmium	0.600		49.8	43.42		mg/Kg		86	75 - 125	3	20
Chromium	32.5		49.8	86.18		mg/Kg		108	75 - 125	5	20
Cobalt	18.9		49.8	55.08	F1	mg/Kg		73	75 - 125	6	20
Copper	8.93		49.8	60.90		mg/Kg		104	75 - 125	0	20
Lead	5.15		49.8	49.65		mg/Kg		89	75 - 125	5	20
Molybdenum	ND		49.8	34.22	F1	mg/Kg		69	75 - 125	0	20
Nickel	18.0		49.8	66.23		mg/Kg		97	75 - 125	3	20
Selenium	ND		49.8	40.86		mg/Kg		82	75 - 125	1	20

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 440-94001-A-1-C MSD ^5
 Matrix: Solid
 Analysis Batch: 220670

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 220534

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Thallium	ND		49.8	42.07		mg/Kg		85	75 - 125	2	20
Vanadium	29.6		49.8	79.64		mg/Kg		100	75 - 125	6	20
Zinc	31.8		49.8	79.91		mg/Kg		97	75 - 125	7	20
Silver	ND		24.9	22.81		mg/Kg		92	75 - 125	2	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 440-220625/1-A
 Matrix: Solid
 Analysis Batch: 220680

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 220625

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	ND		0.0200		mg/Kg		11/24/14 14:32	11/24/14 17:06	1

Lab Sample ID: LCS 440-220625/2-A
 Matrix: Solid
 Analysis Batch: 220680

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 220625

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec.
		Result	Qualifier				Limits
Mercury	0.800	0.6694		mg/Kg		84	80 - 120

Lab Sample ID: 440-94089-4 MS
 Matrix: Solid
 Analysis Batch: 220680

Client Sample ID: SACA1123SD002
 Prep Type: Total/NA
 Prep Batch: 220625

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				Limits
Mercury	0.303		5.55	6.449		mg/Kg	⊛	111	70 - 130

Lab Sample ID: 440-94089-4 MSD
 Matrix: Solid
 Analysis Batch: 220680

Client Sample ID: SACA1123SD002
 Prep Type: Total/NA
 Prep Batch: 220625

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Mercury	0.303		5.55	6.080		mg/Kg	⊛	104	70 - 130	6	20

Method: 9040B - pH

Lab Sample ID: 440-94037-I-11 DU
 Matrix: Water
 Analysis Batch: 220559

Client Sample ID: Duplicate
 Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
pH	7.30		7.280		SU		0.3	2

TestAmerica Irvine

QC Sample Results

Client: Center for Toxicology & Env Health LLC
Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Method: Moisture - Percent Moisture

Lab Sample ID: 440-94576-B-1 DU
Matrix: Solid
Analysis Batch: 225570

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Percent Moisture	43		44		%		4	20
Percent Solids	57		56		%		3	20

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

QC Association Summary

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

GC/MS VOA

Analysis Batch: 220502

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94027-B-3 MS	Matrix Spike	Total/NA	Water	8260B	
440-94027-B-3 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
440-94089-1	SACA1123SL001	Total/NA	Water	8260B	
440-94089-2	SACA1123SL002	Total/NA	Water	8260B	
440-94089-9	SACA1123TT005	Total/NA	Water	8260B	
440-94089-12	SACA1123TB002	Total/NA	Water	8260B	
440-94089-13	SACA1123TB001	Total/NA	Water	8260B	
440-94089-14	SACA1123TB003	Total/NA	Water	8260B	
LCS 440-220502/5	Lab Control Sample	Total/NA	Water	8260B	
MB 440-220502/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 220504

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-93801-B-9 MS	Matrix Spike	Total/NA	Water	8260B	
440-93801-B-9 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
440-94089-5	SACA1123TT001	Total/NA	Water	8260B	
440-94089-6	SACA1123TT002	Total/NA	Water	8260B	
440-94089-7	SACA1123TT003	Total/NA	Water	8260B	
440-94089-8	SACA1123TT004	Total/NA	Water	8260B	
LCS 440-220504/24	Lab Control Sample	Total/NA	Water	8260B	
MB 440-220504/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 220509

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94089-3	SACA1123SD001	Total/NA	Solid	8260B	220568
440-94089-4	SACA1123SD002	Total/NA	Solid	8260B	220568
440-94089-10	SACA1123TT006	Total/NA	Solid	8260B	220568
LCS 440-220509/24	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 440-220509/25	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 440-220509/23	Method Blank	Total/NA	Solid	8260B	

Prep Batch: 220568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94089-3	SACA1123SD001	Total/NA	Solid	5030B	
440-94089-4	SACA1123SD002	Total/NA	Solid	5030B	
440-94089-10	SACA1123TT006	Total/NA	Solid	5030B	

GC/MS Semi VOA

Prep Batch: 220469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94089-3	SACA1123SD001	Total/NA	Solid	3546	
440-94089-4	SACA1123SD002	Total/NA	Solid	3546	
440-94089-10	SACA1123TT006	Total/NA	Solid	3546	
LCS 440-220469/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 440-220469/1-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 220475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94089-3	SACA1123SD001	Total/NA	Solid	8270C	220469

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QC Association Summary

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

GC/MS Semi VOA (Continued)

Analysis Batch: 220475 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94089-4	SACA1123SD002	Total/NA	Solid	8270C	220469
440-94089-10	SACA1123TT006	Total/NA	Solid	8270C	220469

Analysis Batch: 220484

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 440-220469/2-A	Lab Control Sample	Total/NA	Solid	8270C	220469
MB 440-220469/1-A	Method Blank	Total/NA	Solid	8270C	220469

GC VOA

Analysis Batch: 220536

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-93726-E-4 MS	Matrix Spike	Total/NA	Water	8015B	
440-93726-E-4 MSD	Matrix Spike Duplicate	Total/NA	Water	8015B	
440-94089-5	SACA1123TT001	Total/NA	Water	8015B	
440-94089-6	SACA1123TT002	Total/NA	Water	8015B	
440-94089-7	SACA1123TT003	Total/NA	Water	8015B	
440-94089-8	SACA1123TT004	Total/NA	Water	8015B	
LCS 440-220536/4	Lab Control Sample	Total/NA	Water	8015B	
MB 440-220536/5	Method Blank	Total/NA	Water	8015B	

Analysis Batch: 220538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-93779-A-10 MS	Matrix Spike	Total/NA	Water	8015B	
440-93779-A-10 MSD	Matrix Spike Duplicate	Total/NA	Water	8015B	
440-94089-1	SACA1123SL001	Total/NA	Water	8015B	
440-94089-2	SACA1123SL002	Total/NA	Water	8015B	
440-94089-9	SACA1123TT005	Total/NA	Water	8015B	
LCS 440-220538/4	Lab Control Sample	Total/NA	Water	8015B	
MB 440-220538/5	Method Blank	Total/NA	Water	8015B	

Analysis Batch: 220541

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94089-3	SACA1123SD001	Total/NA	Solid	8015B	220568
440-94089-4	SACA1123SD002	Total/NA	Solid	8015B	220568
440-94089-10	SACA1123TT006	Total/NA	Solid	8015B	220568
LCS 440-220541/6	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 440-220541/7	Lab Control Sample Dup	Total/NA	Solid	8015B	
MB 440-220541/8	Method Blank	Total/NA	Solid	8015B	

Prep Batch: 220568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94089-3	SACA1123SD001	Total/NA	Solid	5030B	
440-94089-4	SACA1123SD002	Total/NA	Solid	5030B	
440-94089-10	SACA1123TT006	Total/NA	Solid	5030B	

QC Association Summary

Client: Center for Toxicology & Env Health LLC
 Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

GC Semi VOA

Prep Batch: 220468

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94089-3	SACA1123SD001	Total/NA	Solid	3546	
440-94089-4	SACA1123SD002	Total/NA	Solid	3546	
440-94089-10	SACA1123TT006	Total/NA	Solid	3546	
LCS 440-220468/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 440-220468/1-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 220497

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94089-3	SACA1123SD001	Total/NA	Solid	8015B	220468
440-94089-4	SACA1123SD002	Total/NA	Solid	8015B	220468
440-94089-10	SACA1123TT006	Total/NA	Solid	8015B	220468
LCS 440-220468/2-A	Lab Control Sample	Total/NA	Solid	8015B	220468
MB 440-220468/1-A	Method Blank	Total/NA	Solid	8015B	220468

Metals

Prep Batch: 220534

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94001-A-1-B MS ^5	Matrix Spike	Total/NA	Solid	3050B	
440-94001-A-1-C MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	3050B	
440-94089-3	SACA1123SD001	Total/NA	Solid	3050B	
440-94089-4	SACA1123SD002	Total/NA	Solid	3050B	
440-94089-10	SACA1123TT006	Total/NA	Solid	3050B	
LCS 440-220534/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
MB 440-220534/1-A ^5	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 220625

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94089-3	SACA1123SD001	Total/NA	Solid	7471A	
440-94089-4	SACA1123SD002	Total/NA	Solid	7471A	
440-94089-4 MS	SACA1123SD002	Total/NA	Solid	7471A	
440-94089-4 MSD	SACA1123SD002	Total/NA	Solid	7471A	
440-94089-10	SACA1123TT006	Total/NA	Solid	7471A	
LCS 440-220625/2-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 440-220625/1-A	Method Blank	Total/NA	Solid	7471A	

Analysis Batch: 220670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94001-A-1-B MS ^5	Matrix Spike	Total/NA	Solid	6010B	220534
440-94001-A-1-C MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	6010B	220534
440-94089-3	SACA1123SD001	Total/NA	Solid	6010B	220534
440-94089-4	SACA1123SD002	Total/NA	Solid	6010B	220534
440-94089-10	SACA1123TT006	Total/NA	Solid	6010B	220534
LCS 440-220534/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	220534
MB 440-220534/1-A ^5	Method Blank	Total/NA	Solid	6010B	220534

Analysis Batch: 220680

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94089-3	SACA1123SD001	Total/NA	Solid	7471A	220625
440-94089-4	SACA1123SD002	Total/NA	Solid	7471A	220625

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QC Association Summary

Client: Center for Toxicology & Env Health LLC
Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Metals (Continued)

Analysis Batch: 220680 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94089-4 MS	SACA1123SD002	Total/NA	Solid	7471A	220625
440-94089-4 MSD	SACA1123SD002	Total/NA	Solid	7471A	220625
440-94089-10	SACA1123TT006	Total/NA	Solid	7471A	220625
LCS 440-220625/2-A	Lab Control Sample	Total/NA	Solid	7471A	220625
MB 440-220625/1-A	Method Blank	Total/NA	Solid	7471A	220625

General Chemistry

Analysis Batch: 220559

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94037-I-11 DU	Duplicate	Total/NA	Water	9040B	
440-94089-1	SACA1123SL001	Total/NA	Water	9040B	
440-94089-2	SACA1123SL002	Total/NA	Water	9040B	
440-94089-5	SACA1123TT001	Total/NA	Water	9040B	
440-94089-7	SACA1123TT003	Total/NA	Water	9040B	
440-94089-8	SACA1123TT004	Total/NA	Water	9040B	
440-94089-9	SACA1123TT005	Total/NA	Water	9040B	

Analysis Batch: 225570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94089-3	SACA1123SD001	Total/NA	Solid	Moisture	
440-94089-4	SACA1123SD002	Total/NA	Solid	Moisture	
440-94089-10	SACA1123TT006	Total/NA	Solid	Moisture	
440-94576-B-1 DU	Duplicate	Total/NA	Solid	Moisture	

Definitions/Glossary

Client: Center for Toxicology & Env Health LLC
Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery exceeds the control limits
X	Surrogate is outside control limits

GC/MS Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
*	ISTD response or retention time outside acceptable limits

GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery exceeds the control limits

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: Center for Toxicology & Env Health LLC
Project/Site: 106846-Mission Incident Santa Paula

TestAmerica Job ID: 440-94089-1

Laboratory: TestAmerica Irvine

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alaska	State Program	10	CA01531	06-30-15
Arizona	State Program	9	AZ0671	10-13-15
California	LA Cty Sanitation Districts	9	10256	01-31-15
California	State Program	9	2706	06-30-16
Guam	State Program	9	Cert. No. 12.002r	01-23-15
Hawaii	State Program	9	N/A	01-29-15 *
Nevada	State Program	9	CA015312007A	07-31-15
New Mexico	State Program	6	N/A	01-29-15
Northern Mariana Islands	State Program	9	MP0002	01-29-15
Oregon	NELAP	10	4005	01-29-15
USDA	Federal		P330-09-00080	06-06-15
USEPA UCMR	Federal	1	CA01531	01-31-15

* Certification renewal pending - certification considered valid.

TestAmerica Irvine

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 Phone: 949.261.1022 Fax:

Chain of Custody Record

027434

TestAmerica
 THE LEADER IN ENVIRONMENTAL TESTING
 TestAmerica Laboratories, Inc.
 TAL-8210 (0713)

Regulatory Program: DW NPDES RCRA Other:

Client Contact
 Company Name: CTEH
 Address: 5120 Northshore Dr
 City/State/Zip: North Little Rock, AR 72117
 Phone: 501-201-8500
 Project Name: 106846 - Mission Incident
 Site: Santa Paula, CA
 P.O.#

Project Manager: Kyle Bennett
 Tel/Fax: kbennett@cteh.com
 Analysis Turnaround Time
 CALENDAR DAYS WORKING DAYS
 TAT if different from Below
 2 weeks
 1 week
 2 days
 1 day

Site Contact: KYLE BENNETT
 Lab Contact: kbennett@cteh.com
 Date: 11-23-14
 Carrier: ~~SMI~~ ~~11-23-14~~

COCS No.: _____ of 2 COCS
 Sampler: Jared Cobb
 For Lab Use Only:
 Walk-in Client:
 Lab Sampling:
 Job / SDG No.:

Sample Identification

Sample ID	Sample Date	Sample Time	Sample Type (C=Comp, G=Gmb)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform Ms / MSD (Y/N)
SACA1123SL001	11-23-14	1200	G	Water	5	X	X
SACA1123SL002	11-23-14	1300	G	Water	5	X	X
SACA1123SD001	11-23-14	1200	G	Soil	2	X	X
SACA1123SD002	11-23-14	1300	G	Soil	2	X	X
SACA1123TT001	11-23-14	1200	G	Water	5	X	X
SACA1123TT002	11-23-14	1140	G	Water	4	X	X
SACA1123TT003	11-23-14	1200	G	Water	5	X	X
SACA1123TT004	11-23-14	1210	G	Water	5	X	X
SACA1123TT005	11-23-14	1200	G	Water	5	X	X
SACA1123TT006	11-23-14	1300	G	Soil	2	X	X
SACA1123TT007	11-23-14	1310	G	Water	5	X	X
SACA1123TB002	11-23-14				2	X	X

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other
 Possible Hazard Identification:
 Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

Special Instructions/QC Requirements & Comments:
 CC: christopher.myers@westonsolutions.com; dunkelman.tom@epa.gov; kbennett@cteh.com; skruska@cteh.com

Relinquished by: *Shafiq Anabi*
 Relinquished by: *Shafiq Anabi*
 Relinquished by:

Custody Seal No.:
 Company: CTEH
 Date/Time: 11/23/14 15:30
 Received by: *Shafiq Anabi*
 Date/Time: 11/23/14 18:30
 Company: DCS
 Received in Laboratory by: *[Signature]*
 Date/Time: 11/23/14 18:30
 Company: TPEI

2.0012.01 3.501070 2.001180
 10-73
Ani Santos

TestAmerica Irvine
 17461 Derian Ave
 Suite 100
 Irvine, CA 92614
 Phone: 949.261.1022 Fax:

Chain of Custody Record

027433

TestAmerica
 THE LEADER IN ENVIRONMENTAL TESTING
 TestAmerica Laboratories, Inc.
 TAL-8210 (0713)

Regulatory Program: DW NPDES RCRA Other:

Company Name: CTEH Address: 5120 North Shore Dr, #118 City/State/Zip: North Little Rock, AR 72118 Phone: 501-801-8500 Fax:		Client Contact Project Name: 06846 - Mission Incident Site: Santa Paula, CA PO #		Project Manager: Kyle Bennett Tel/Fax: 1069541502 / 1069541502 Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Site Contact: Lab Contact:		Date: 11-23-14 Carrier:		COC No. 2 of 2 COCS Sampler: Jared Cobb For Lab Use Only: Walk-in Client Lab Sampling. Job / SDG No.:	
Sample Identification SACA1123TB001 SACA1123TB003		Sample Date 11-23-14 11-23-14		Sample Time 		Sample Type (C=Comp, G=Grab) 		Matrix 		# of Cont. 2 2	
Perform MS / MSD (Y / N) <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Filtered Sample (Y / N) <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>											
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample. <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown											
Special Instructions/QC Requirements & Comments: CC: christopher.myers@westonsolutions.com; danReim.tom@epa.gov; kbennett@cteh.com; skluska@cteh.com Custody Seal No.: Relinquished by: [Signature] Company: CTEH Date/Time: 11/23/14 15:30 Relinquished by: [Signature] Company: DCS Date/Time: 11/23/14 18:30 Relinquished by: [Signature] Company: TAI Date/Time: 11/23/14 18:30											

UTC Stephanie Ann Butcher

Login Sample Receipt Checklist

Client: Center for Toxicology & Env Health LLC

Job Number: 440-94089-1

Login Number: 94089

List Number: 1

Creator: Wilson, Debby S

List Source: TestAmerica Irvine

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

